

100ES0718017860

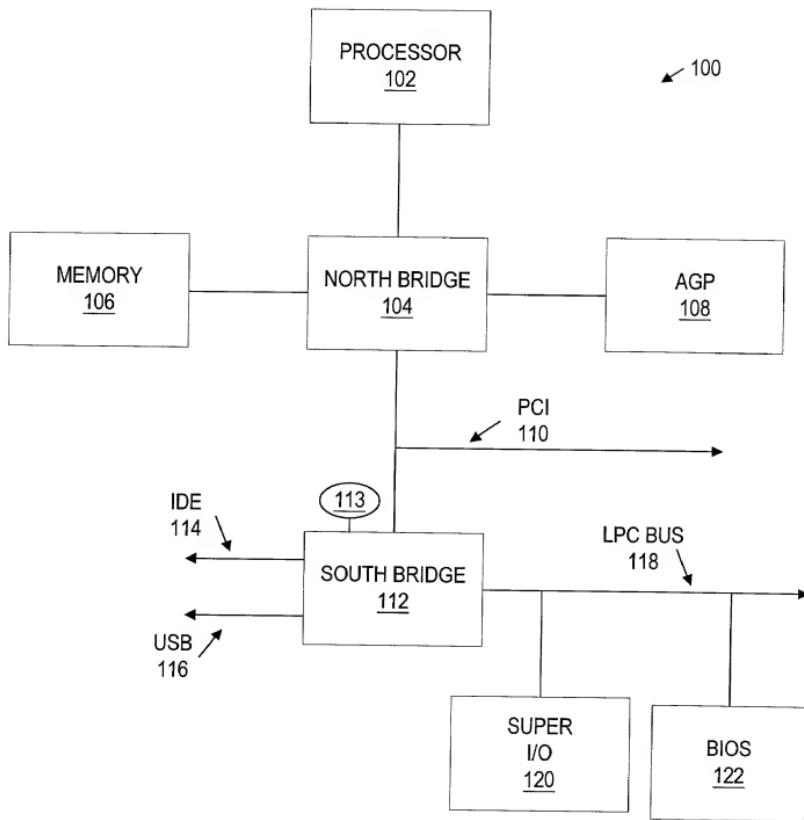


Fig. 1A
(Prior Art)

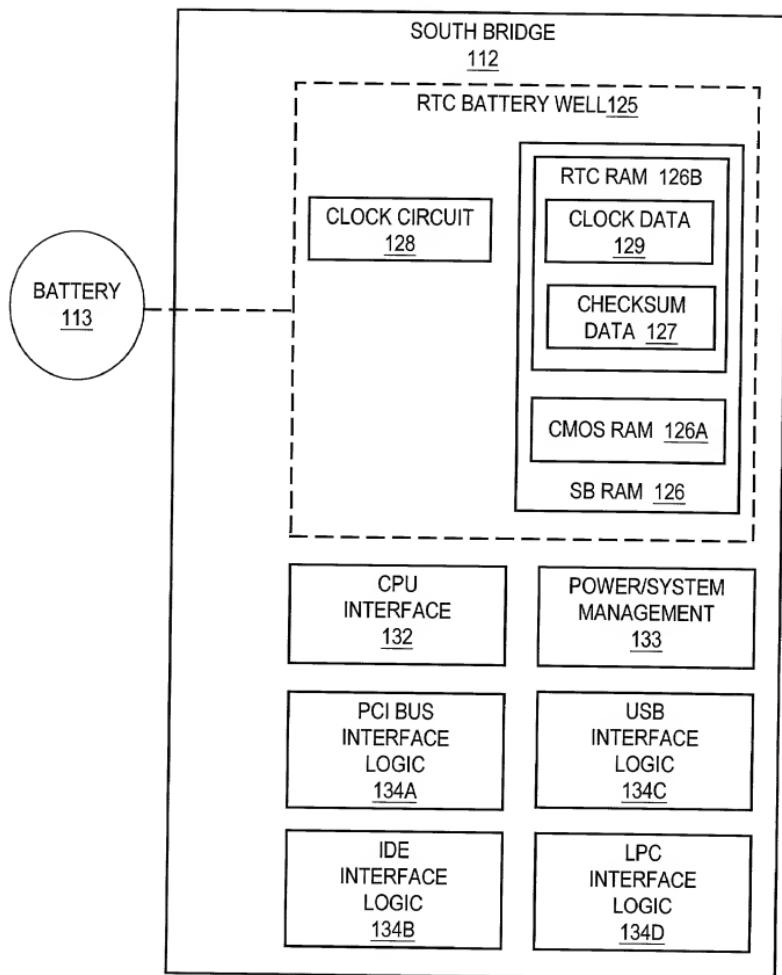


Fig. 1B
(Prior Art)

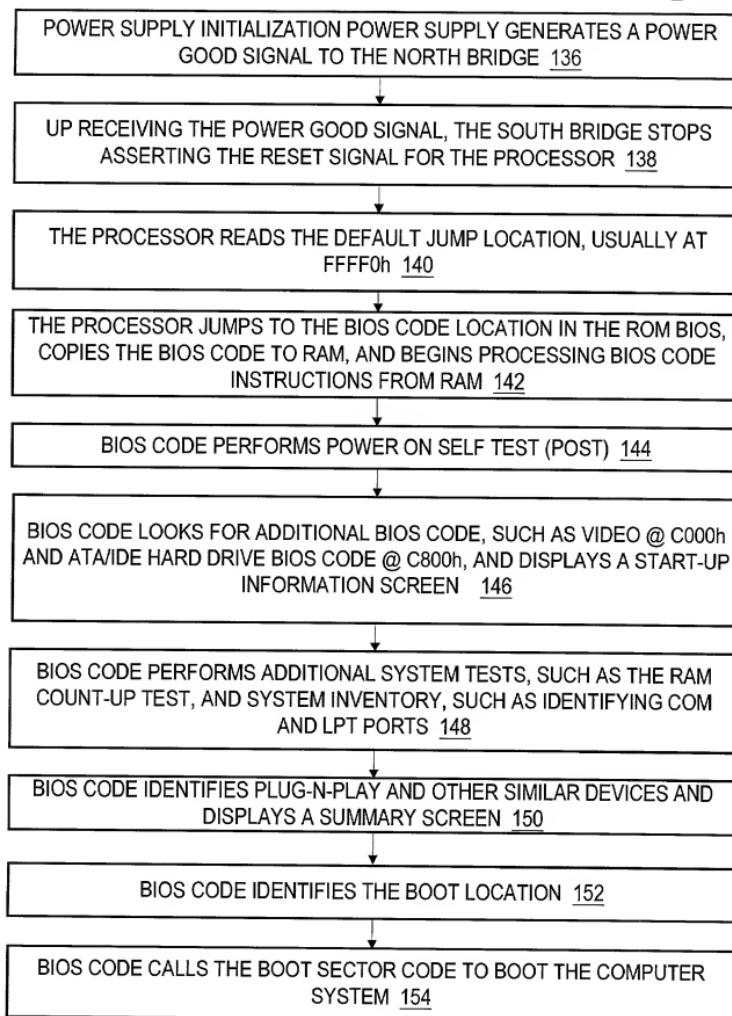


Fig. 2A
(Prior Art)

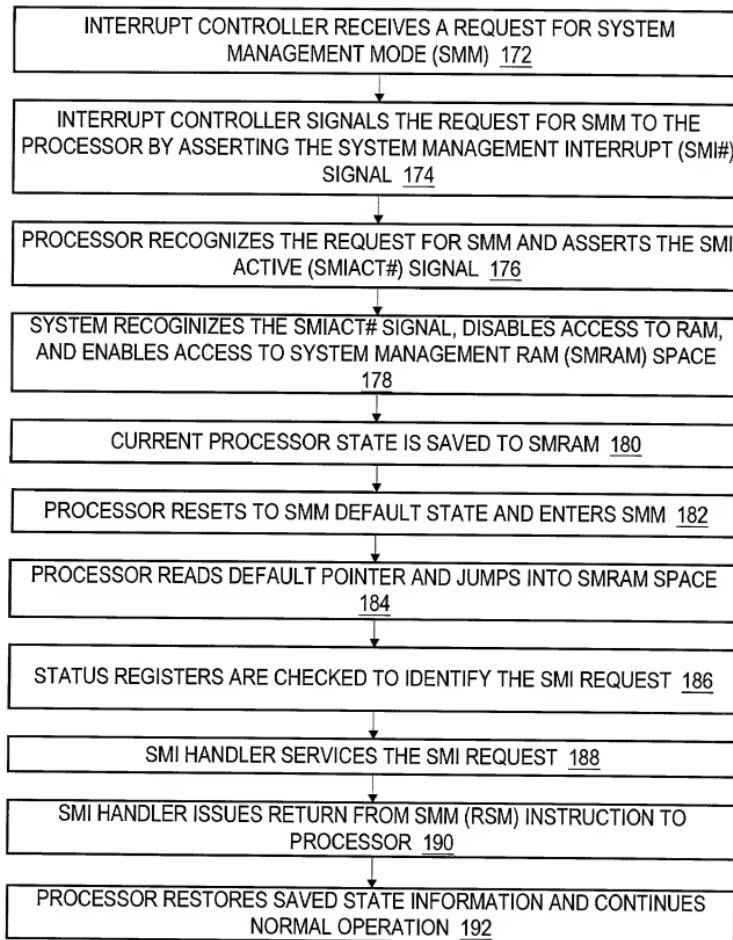


Fig. 2B
(Prior Art)

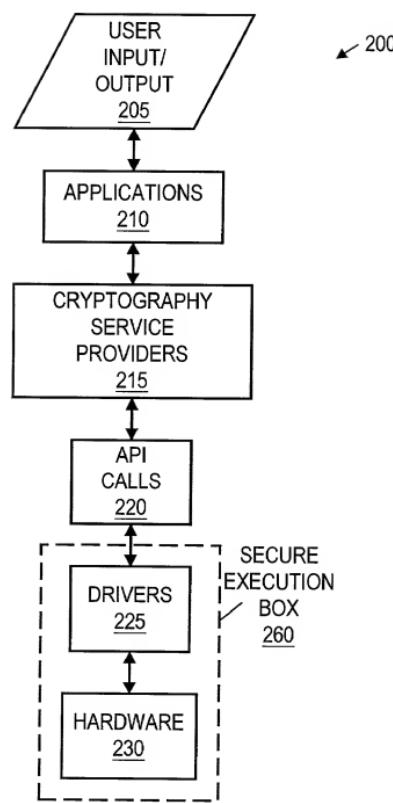
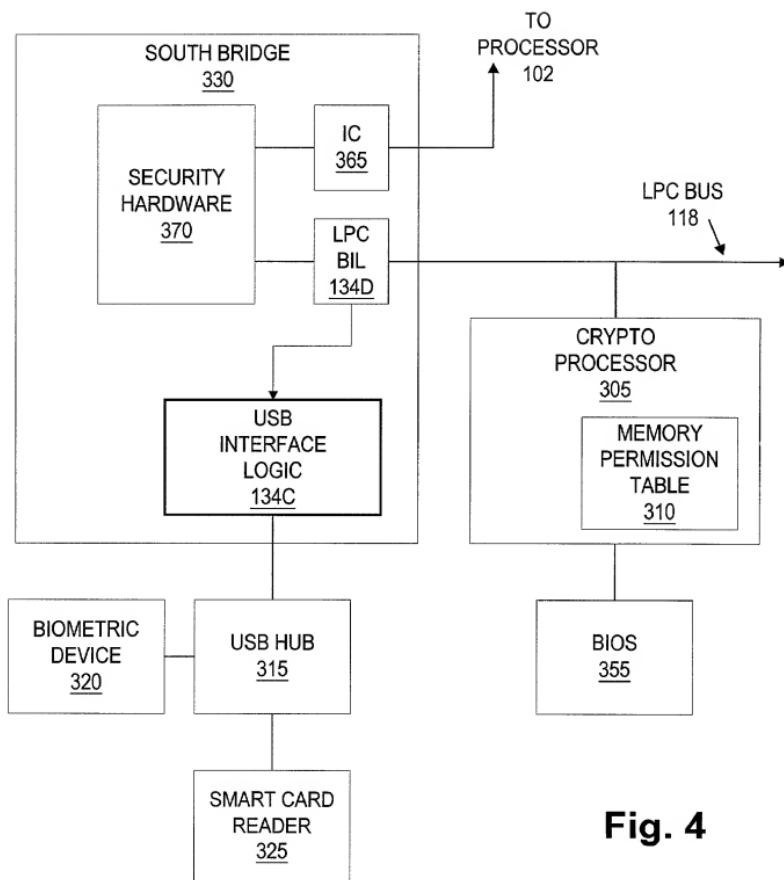


Fig. 3



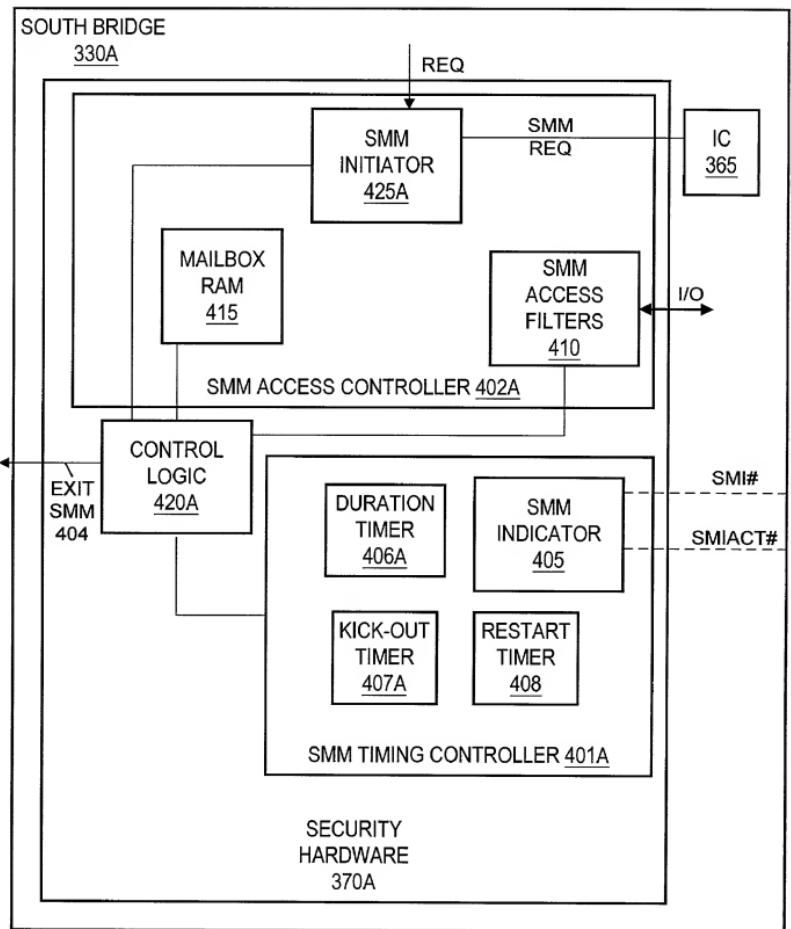


Fig. 5A

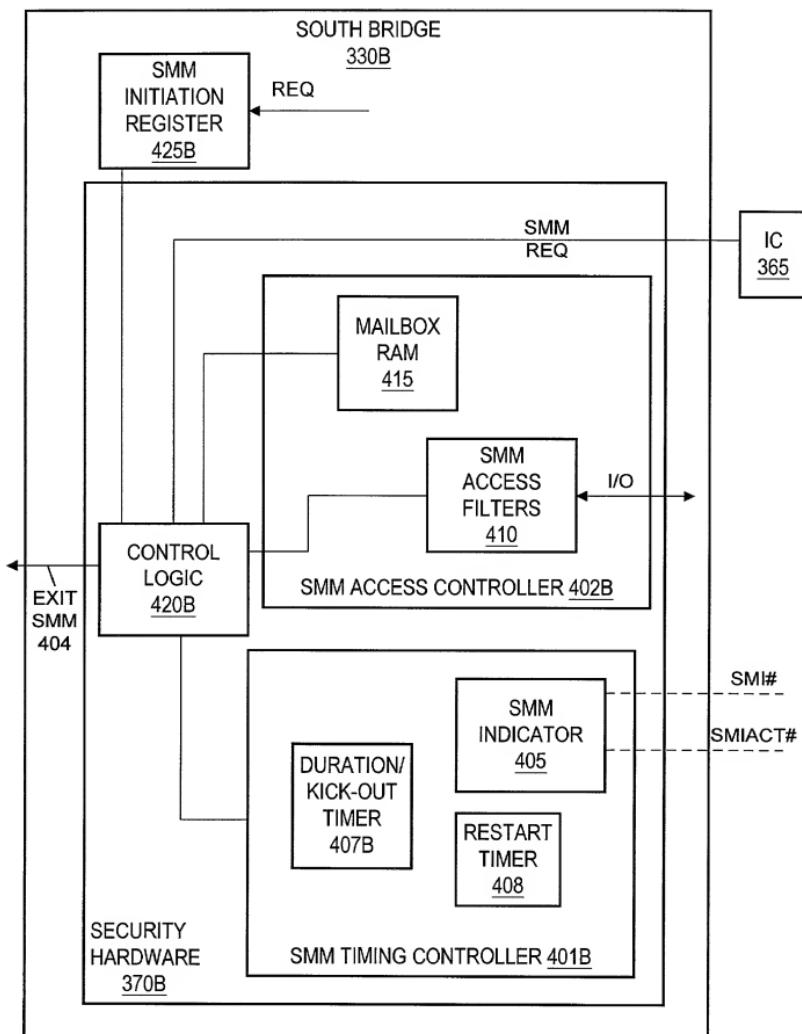
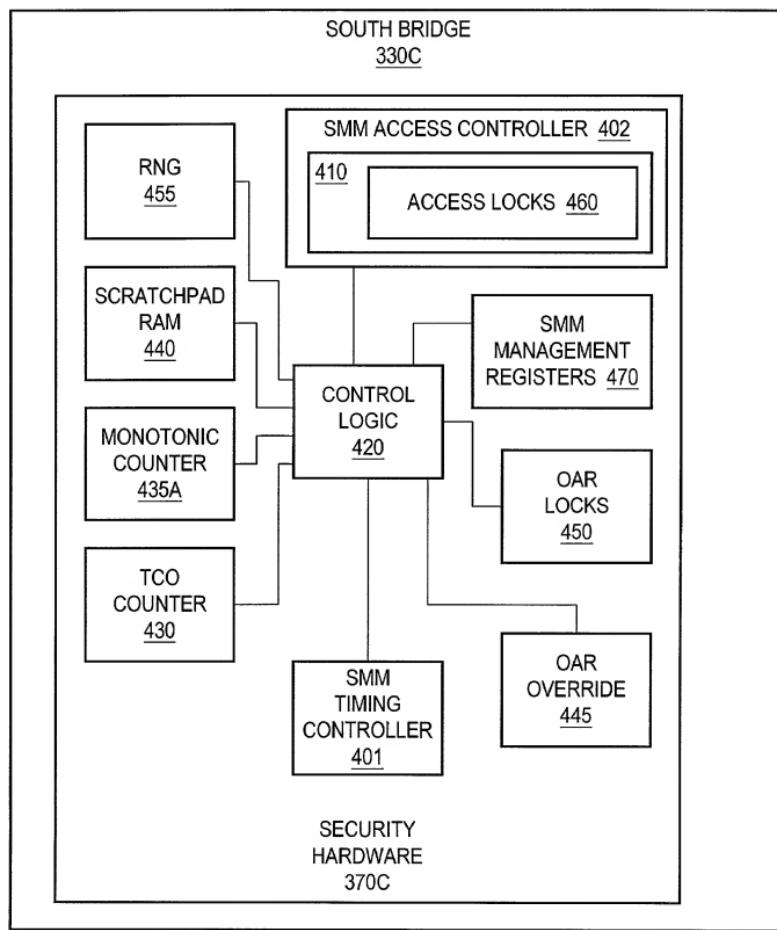


Fig. 5B

**Fig. 6**

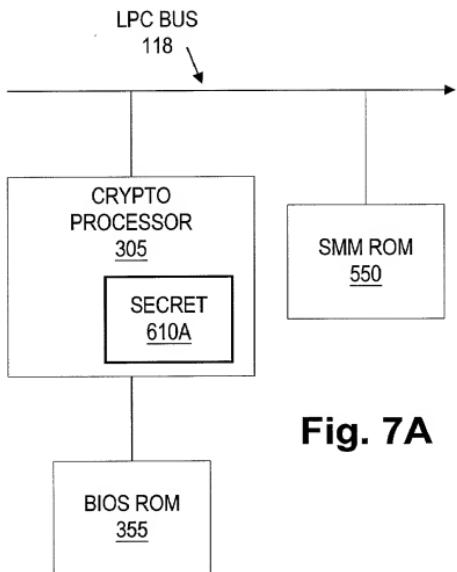


Fig. 7A

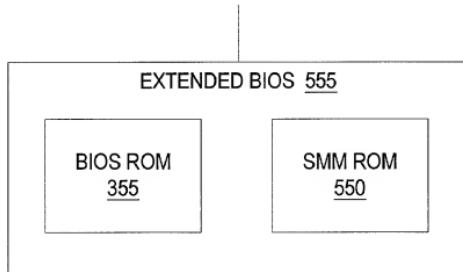


Fig. 7B

99321034, B53803

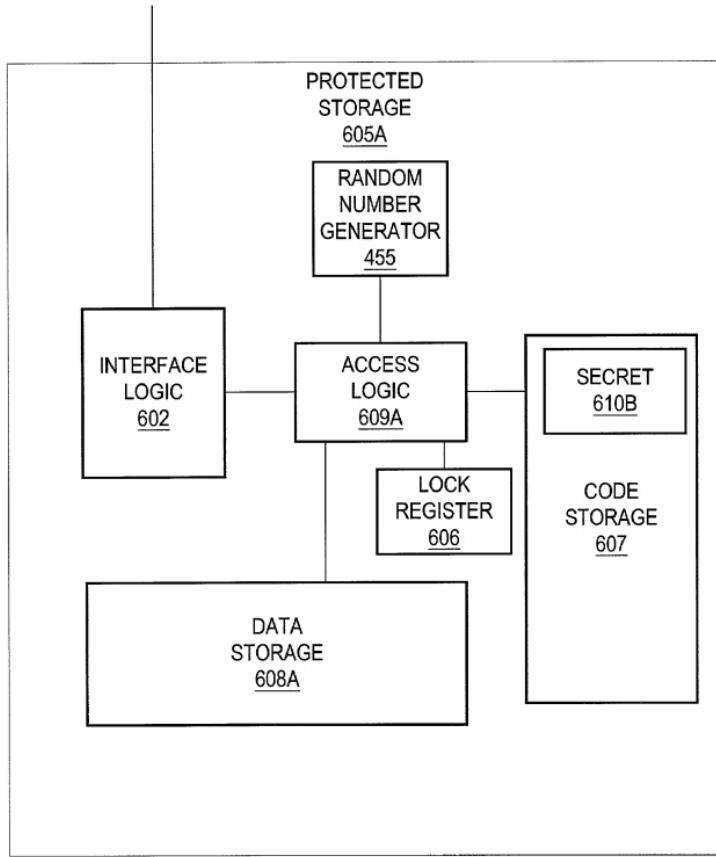


Fig. 7C

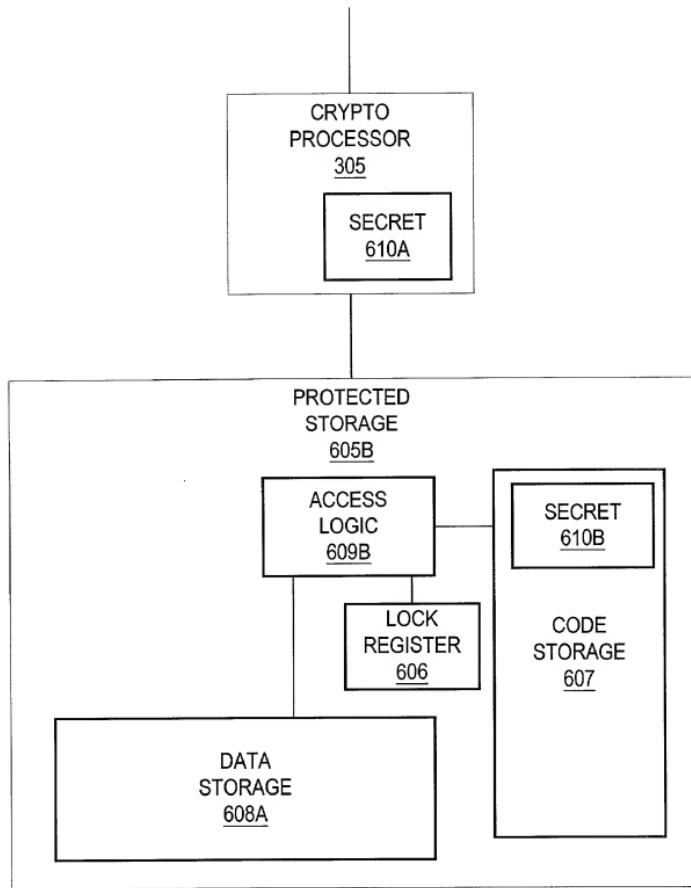


Fig. 7D

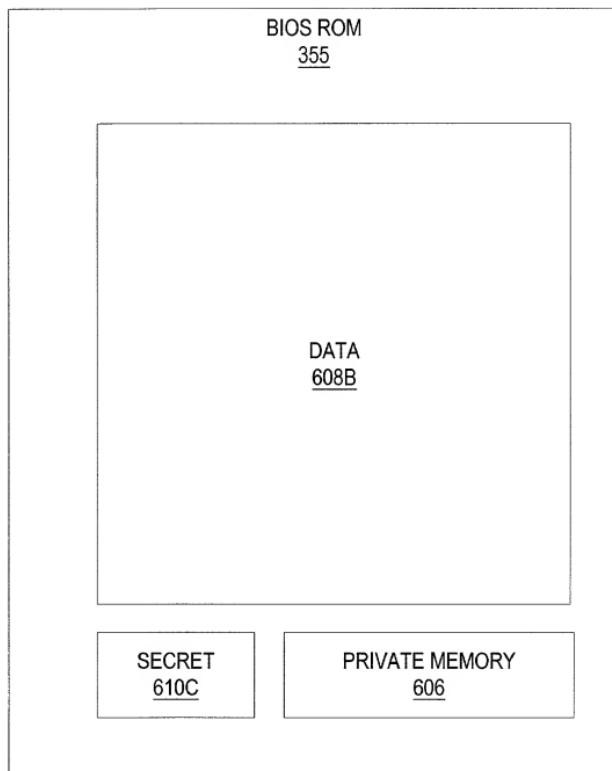


Fig. 8A

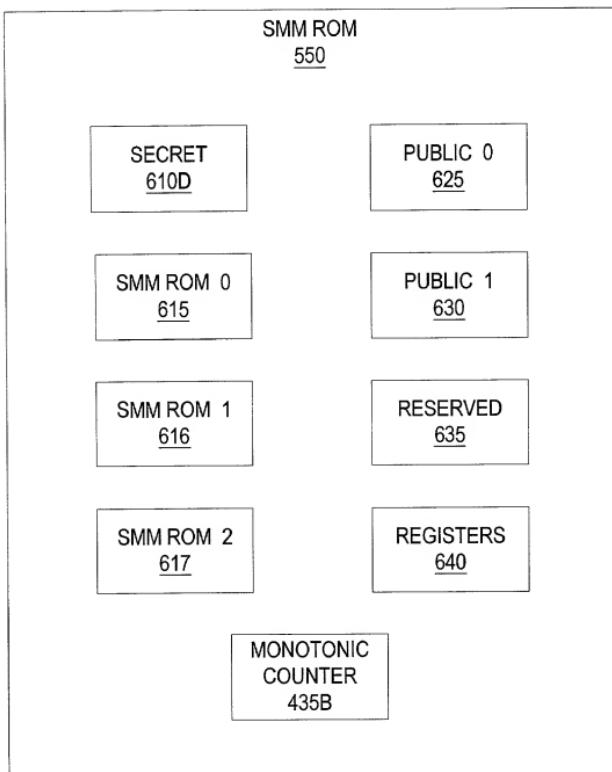


Fig. 8B

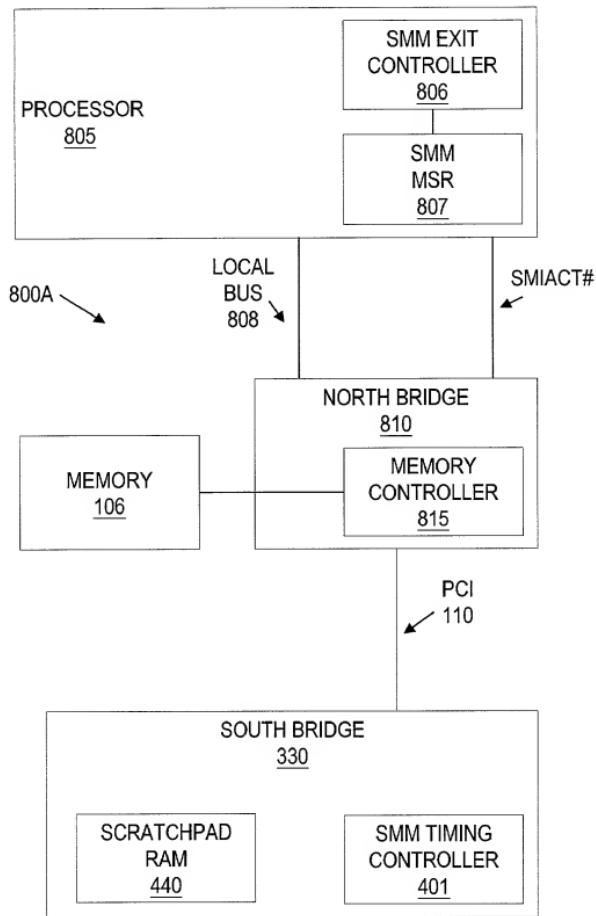


Fig. 9A

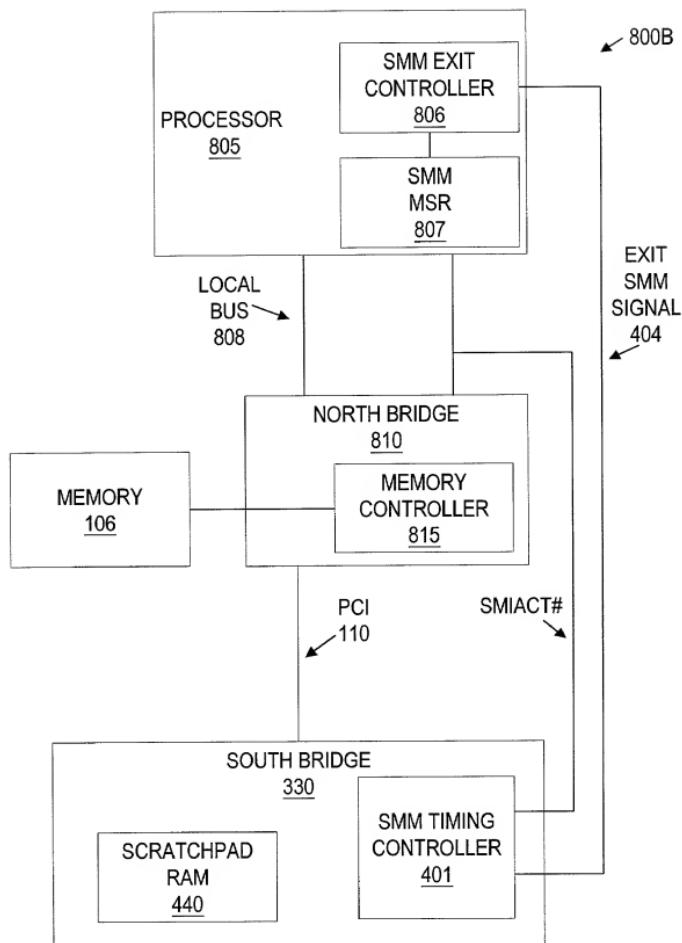


Fig. 9B

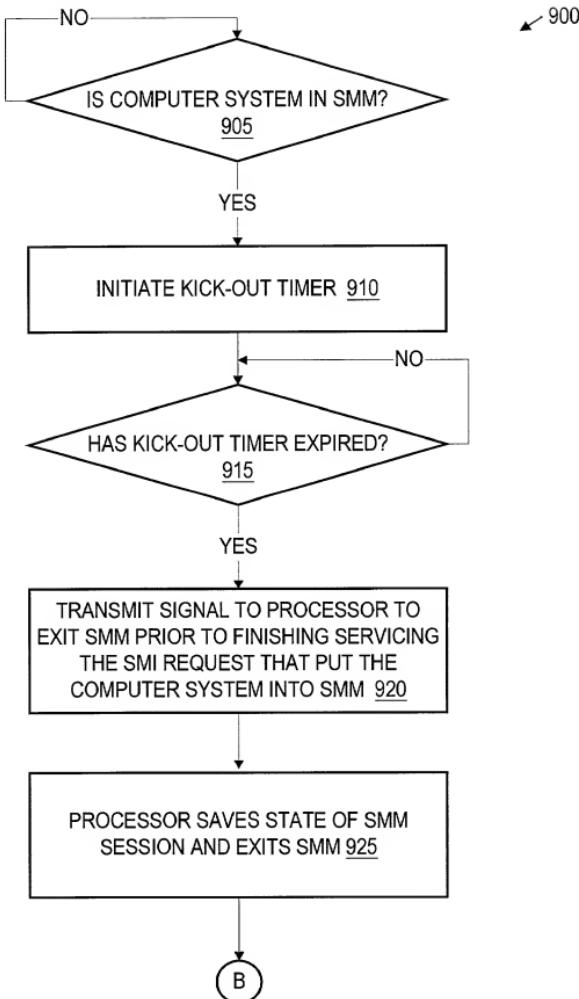


Fig. 10A

18 / 73

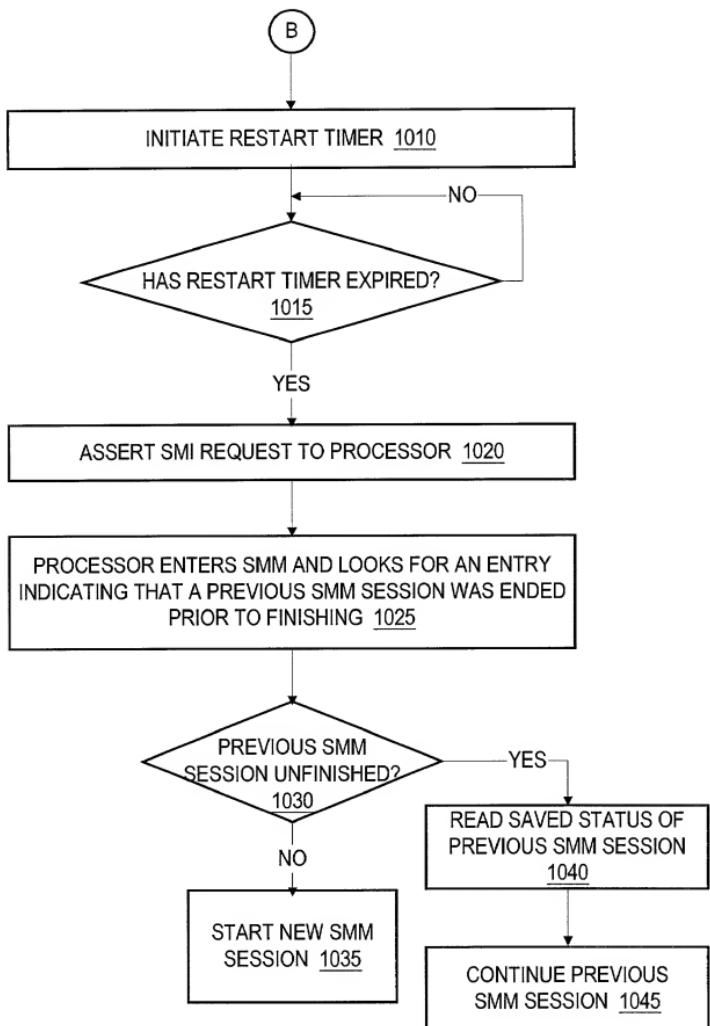


Fig. 10B

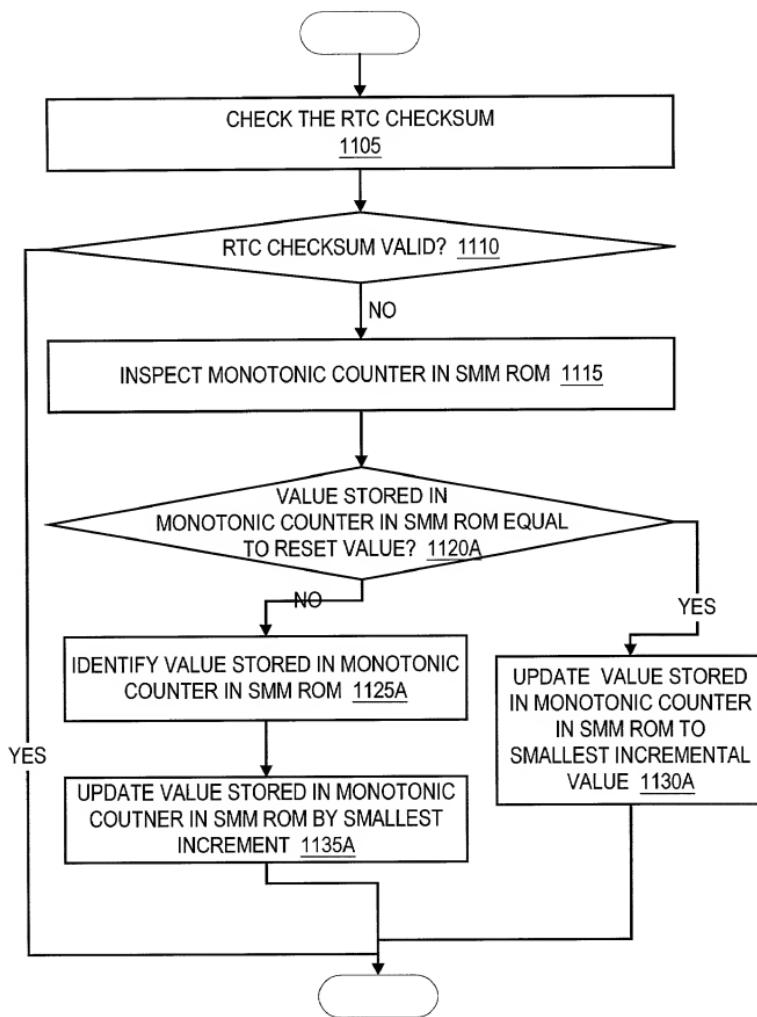
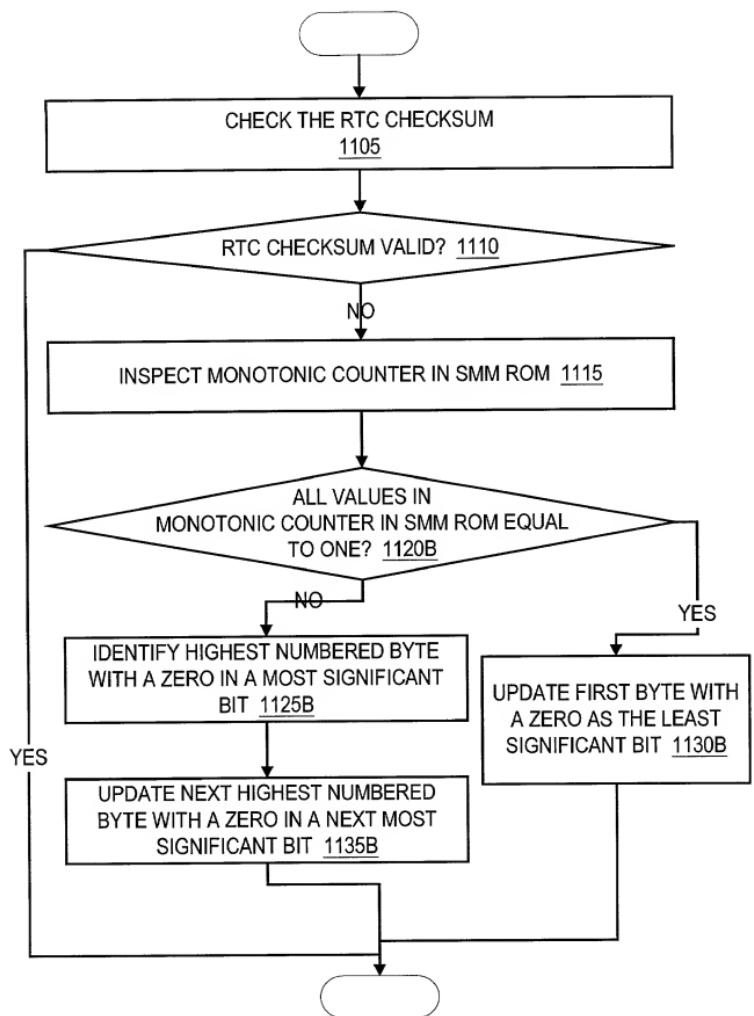


Fig. 11A

**Fig. 11B**

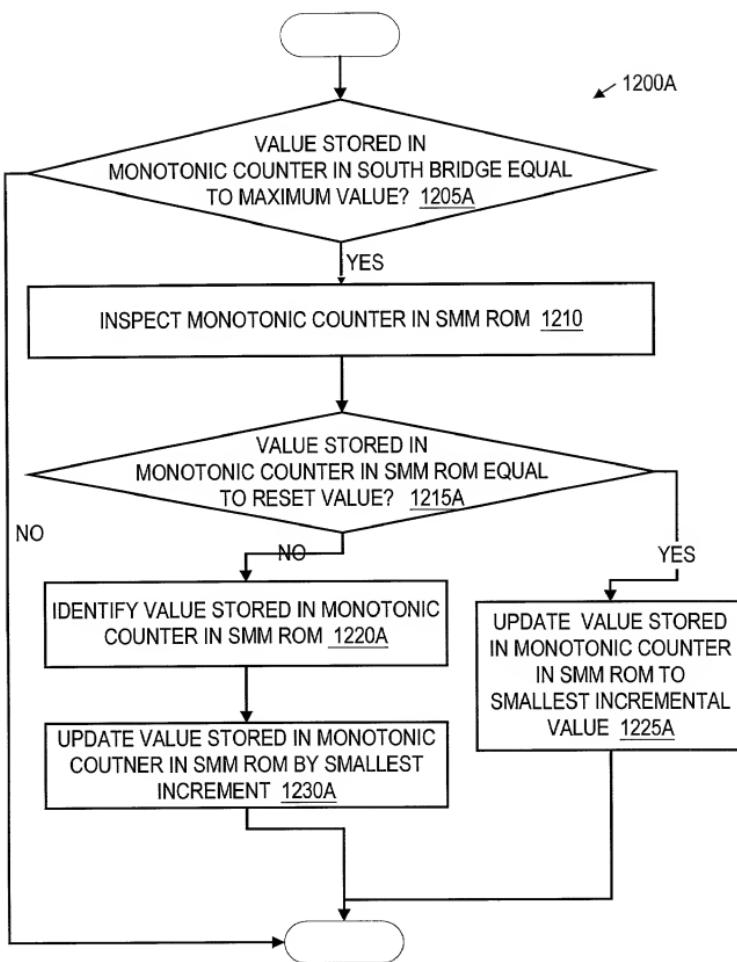


Fig. 12A

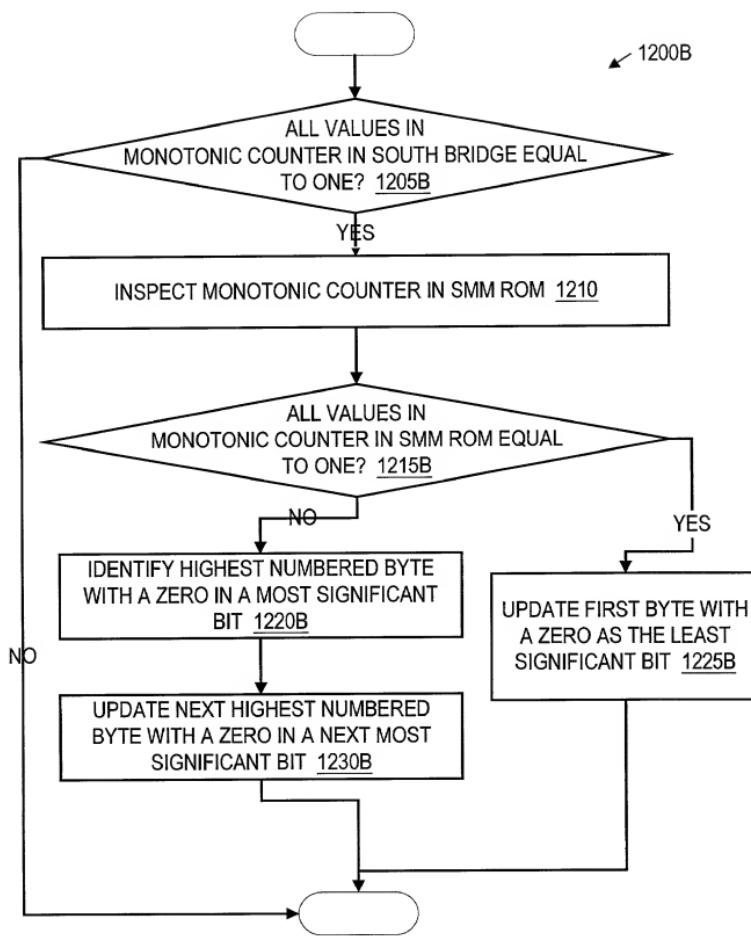


Fig. 12B

23 / 73

10001100100110000100000000000000

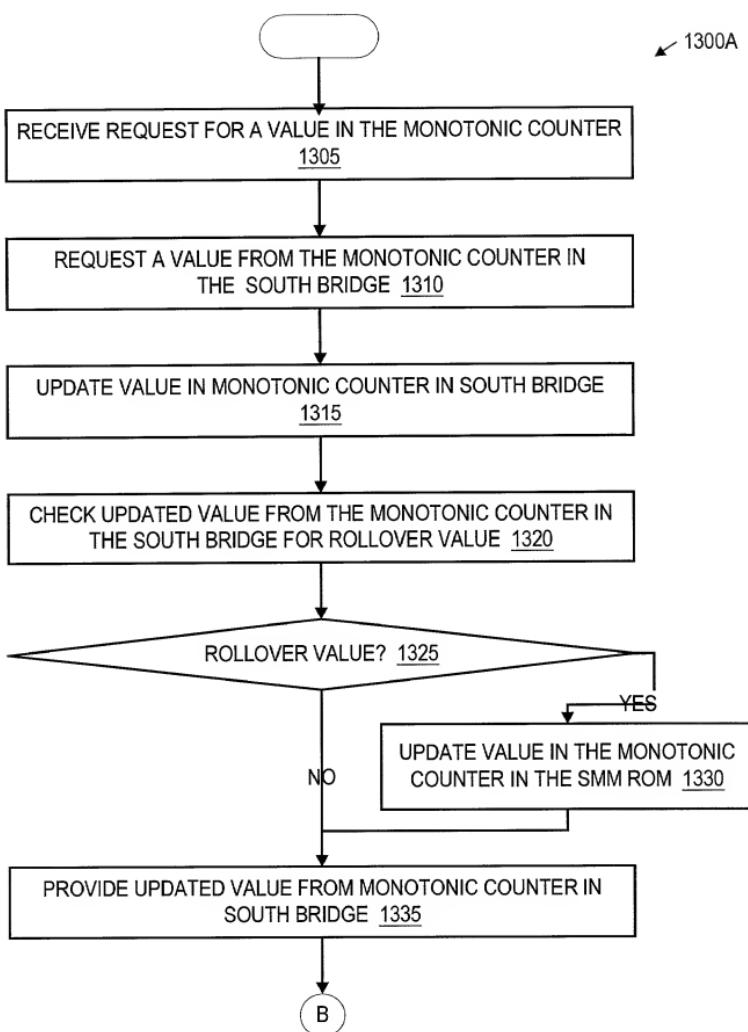


Fig. 13A

T00E50-4801-7860

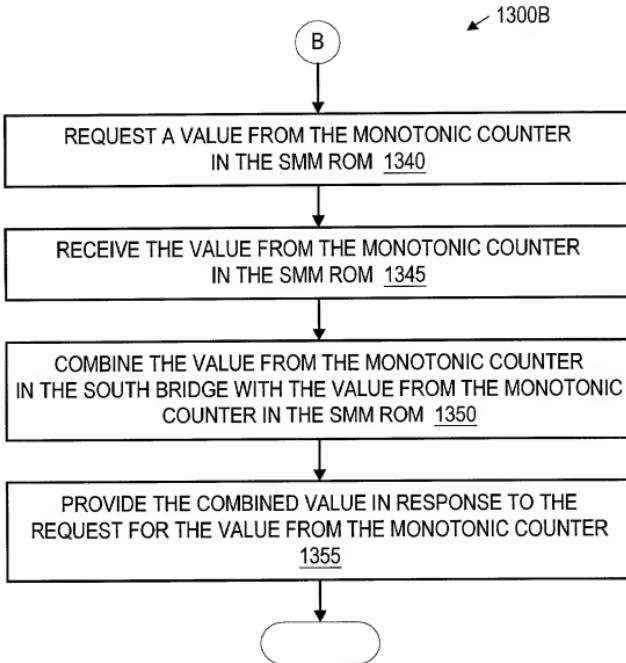


Fig. 13B

09871084, 053001

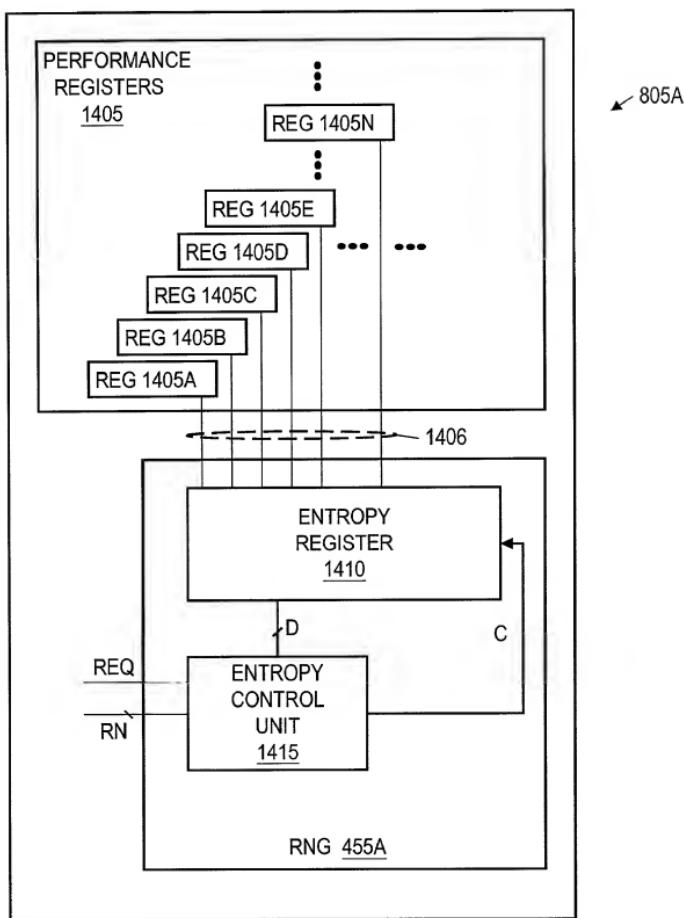


Fig. 14A

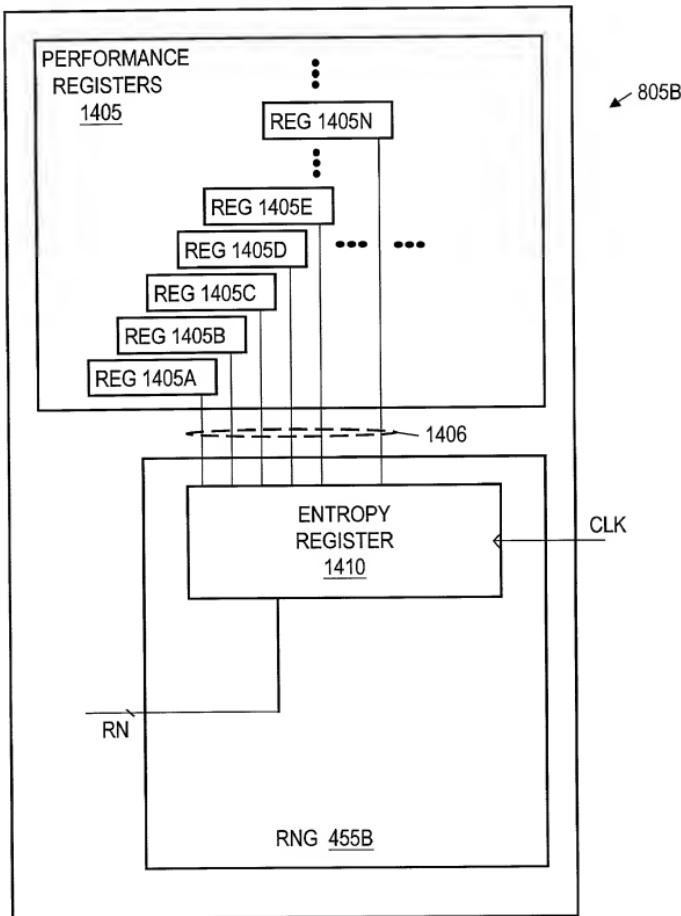


Fig. 14B

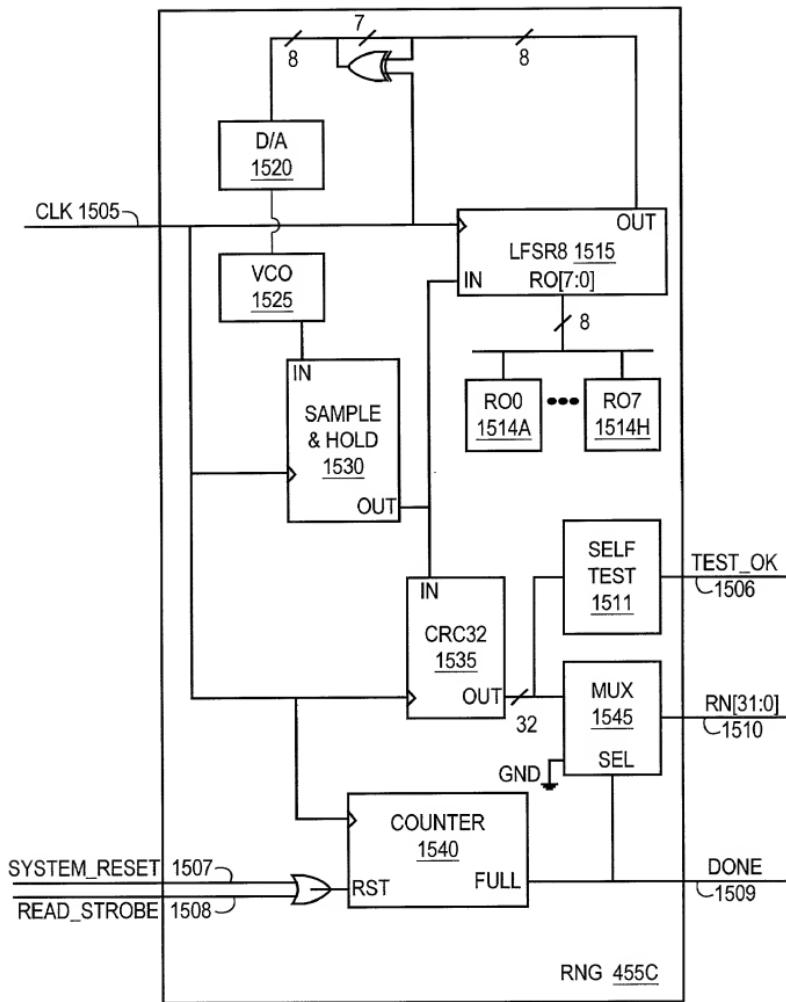


Fig. 15

THE PROCESSOR EXECUTES BIOS CODE INSTRUCTIONS FROM SMM SPACE IN THE RAM 1620

BIOS CODE PERFORMS POWER ON SELF TEST (POST) 1625

ACCESSING THE SECURITY HARDWARE 1630

OPTIONALLY ENTER BIOS MANAGEMENT MODE 1632

BIOS CODE LOOKS FOR ADDITIONAL BIOS CODE, SUCH AS VIDEO @ C000h AND ATA/IDE HARD DRIVE BIOS CODE @ C800h, AND DISPLAYS A START-UP INFORMATION SCREEN 1635

BIOS CODE PERFORMS ADDITIONAL SYSTEM TESTS, SUCH AS THE RAM COUNT-UP TEST, AND SYSTEM INVENTORY, SUCH AS IDENTIFYING COM AND LPT PORTS 1640

BIOS CODE IDENTIFIES PLUG-N-PLAY AND OTHER SIMILAR DEVICES AND DISPLAYS A SUMMARY SCREEN 1645

CLOSING THE ACCESS LOCKS TO THE SECURITY HARDWARE 1650

BIOS CODE IDENTIFIES THE BOOT LOCATION 1655

BIOS CODE CALLS THE BOOT SECTOR CODE TO BOOT THE COMPUTER SYSTEM 1660

Fig. 16A

TO DESCRIBE THE PROCESS

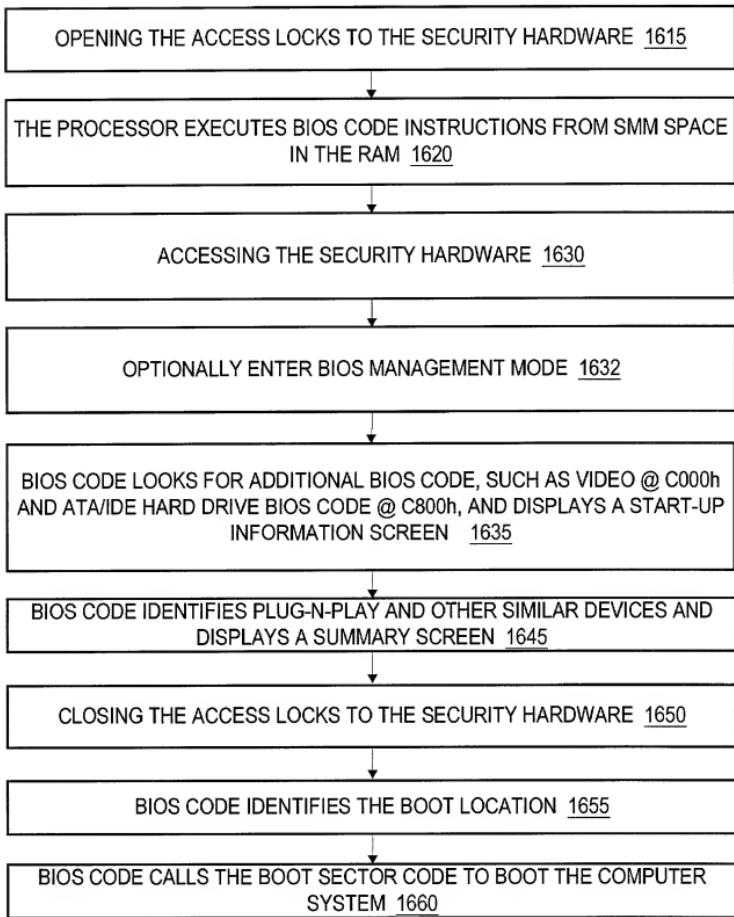


Fig. 16B

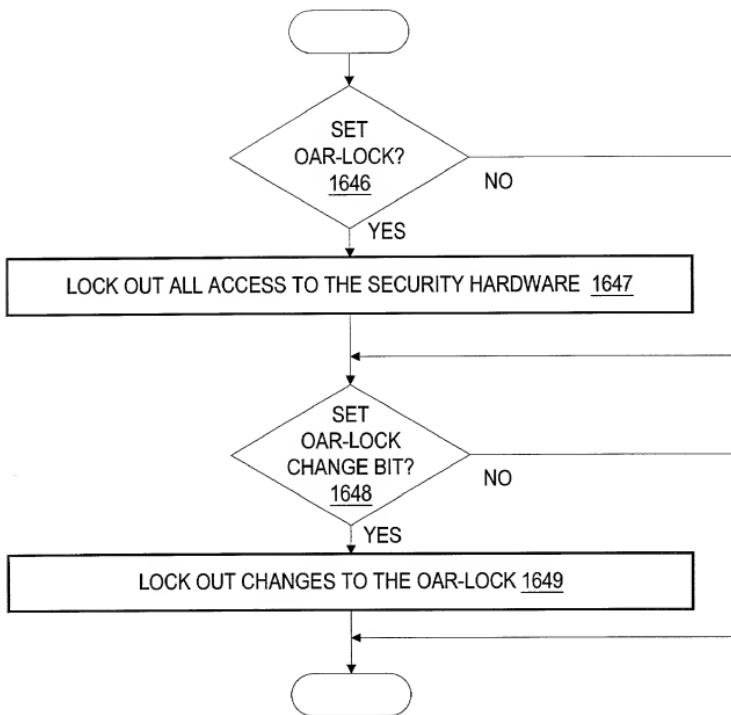


Fig. 16C

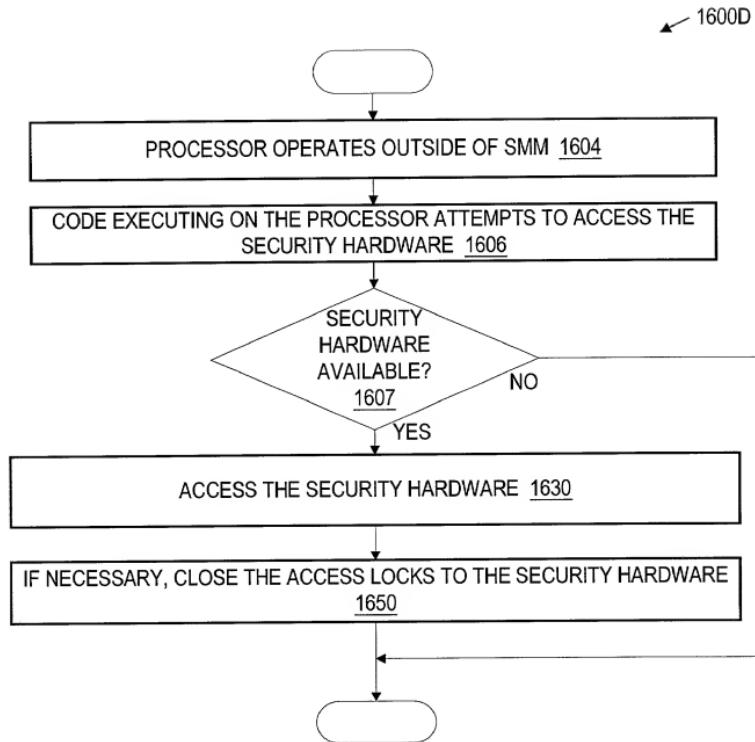


Fig. 16D

32 / 73

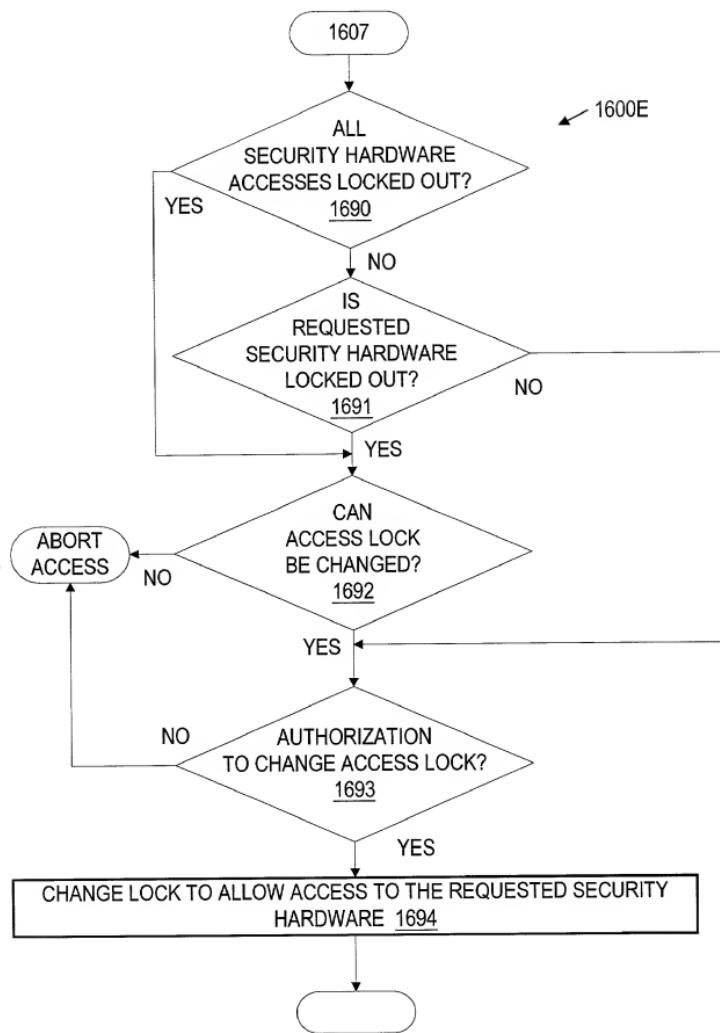
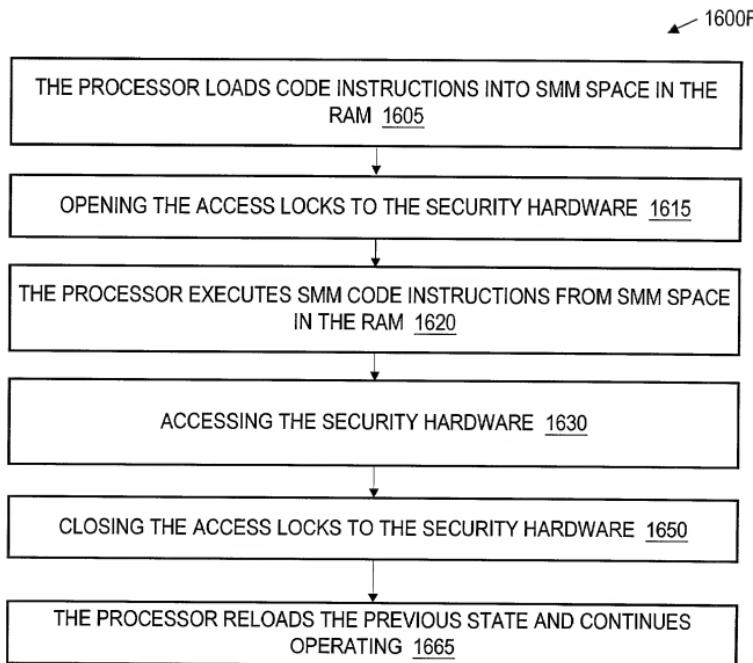


Fig. 16E



1600G

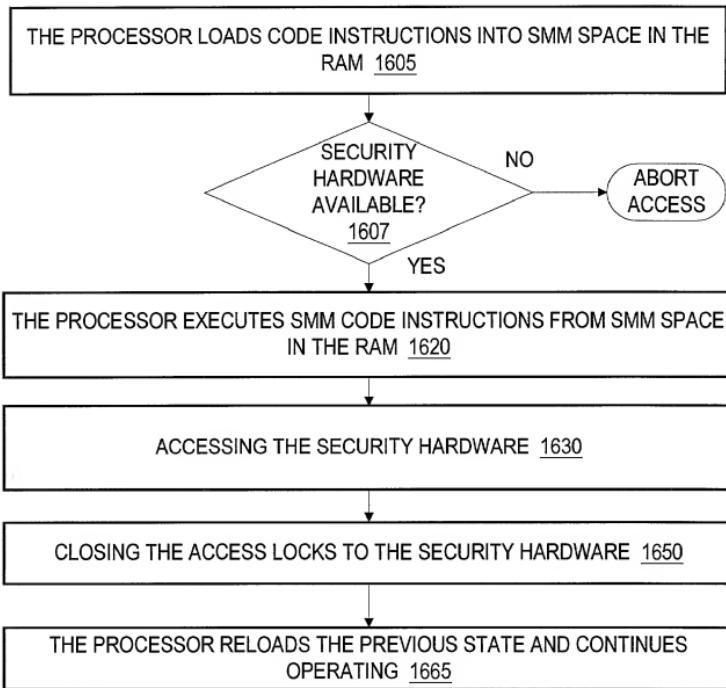


Fig. 16G

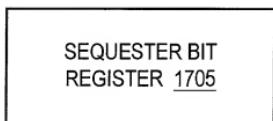


Fig. 17A



Fig. 17B

1000500-00007360

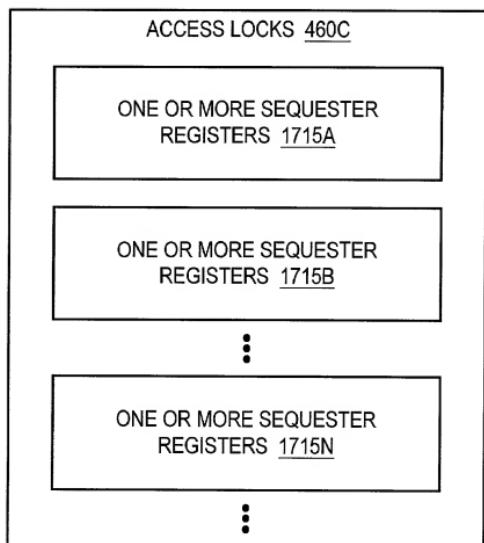


Fig. 17C

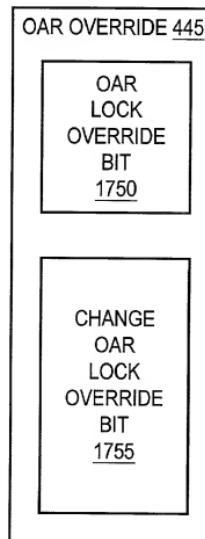
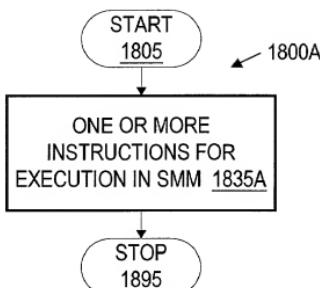


Fig. 17D



**Fig. 18A
PRIOR ART**

100504-0807860

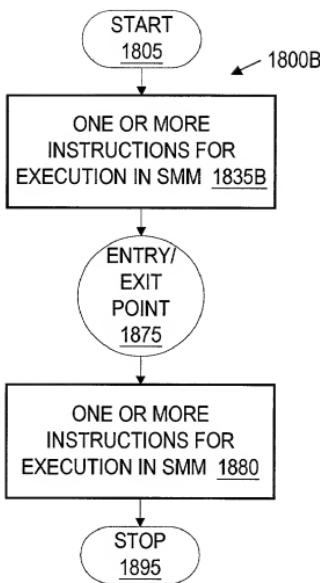


Fig. 18B

37 / 73

100E507418074860

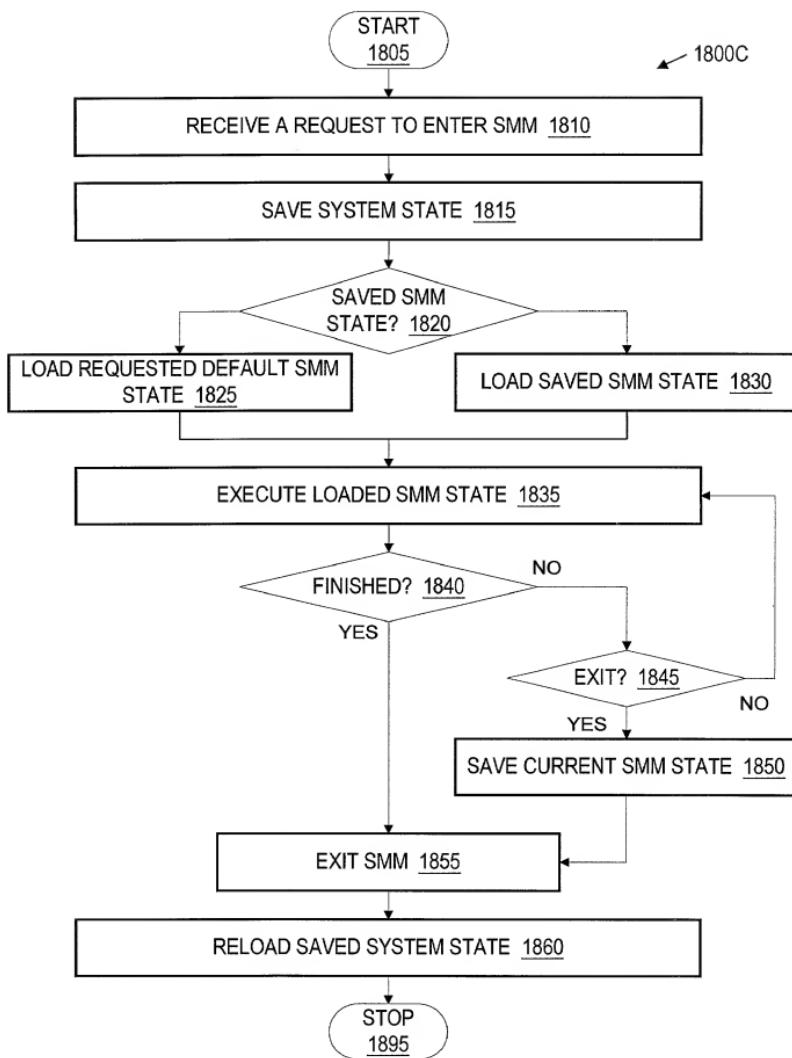


Fig. 18C

38 / 73

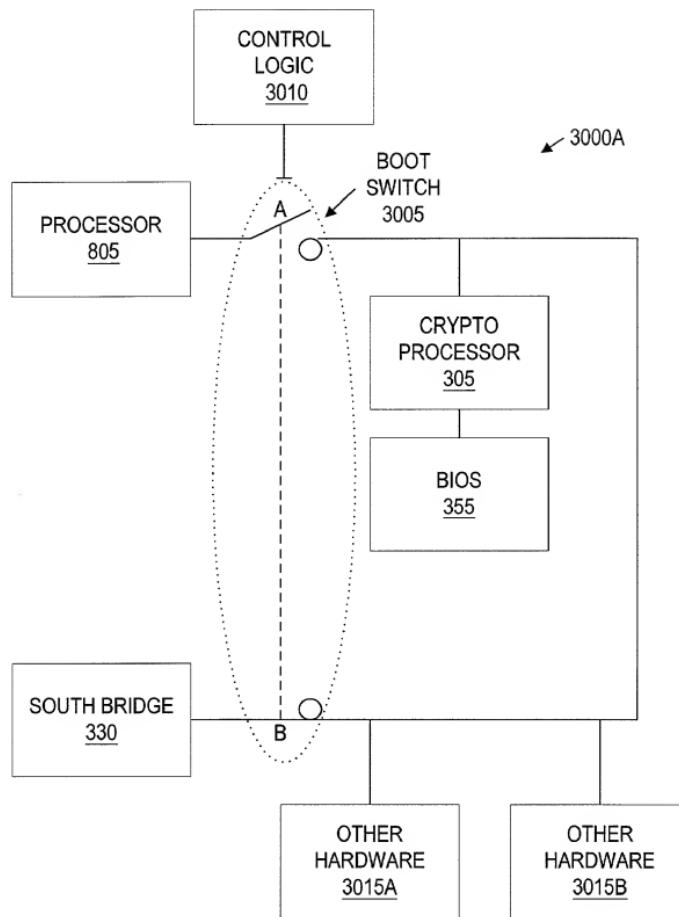


Fig. 19A

39 / 73

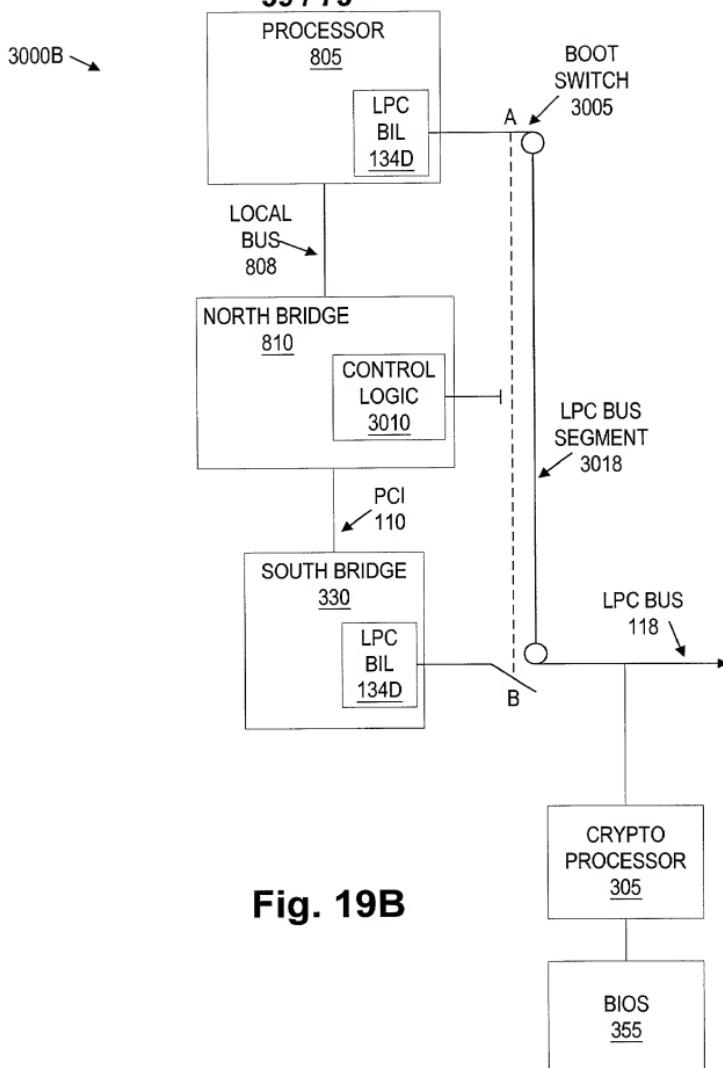


Fig. 19B

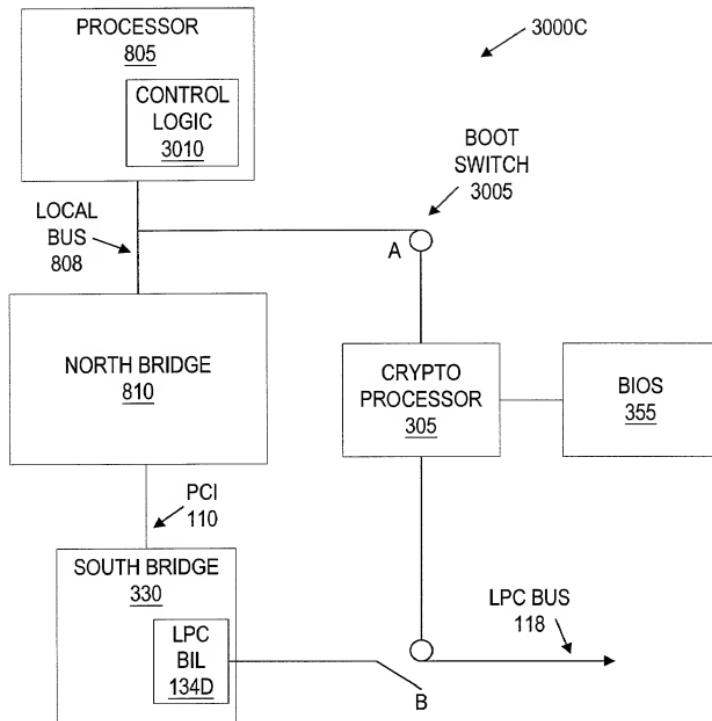


Fig. 19C

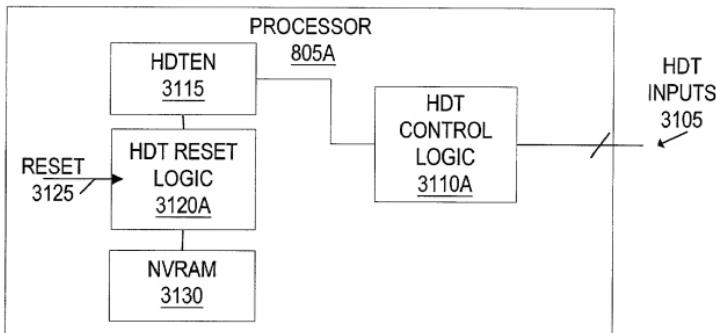


Fig. 20A

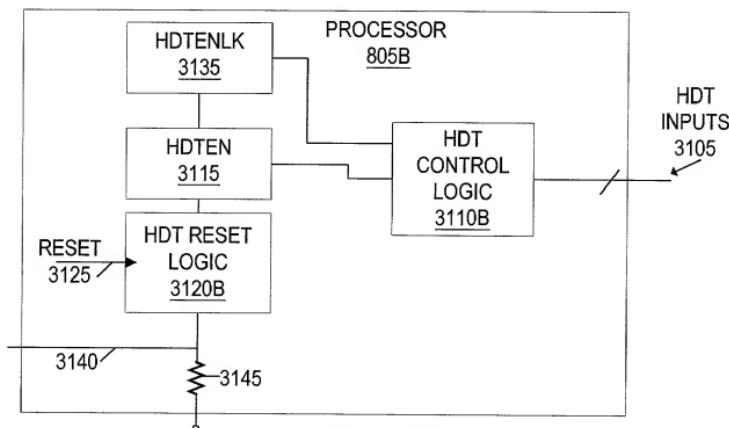
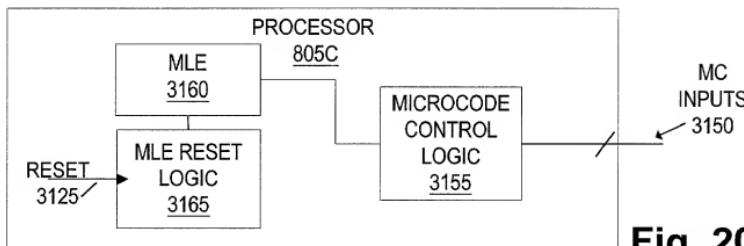
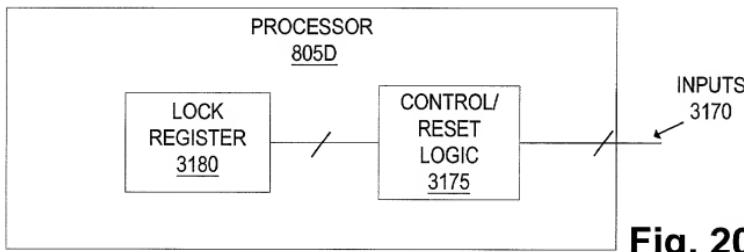


Fig. 20B

**Fig. 20C****Fig. 20D**

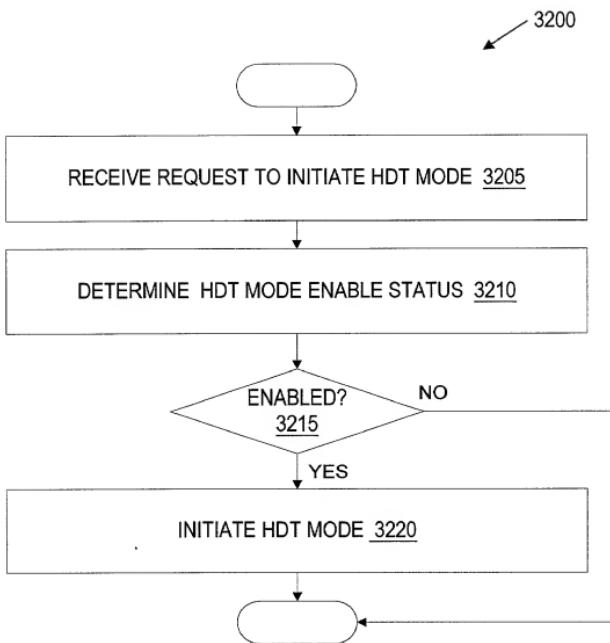


Fig. 21

卷之三

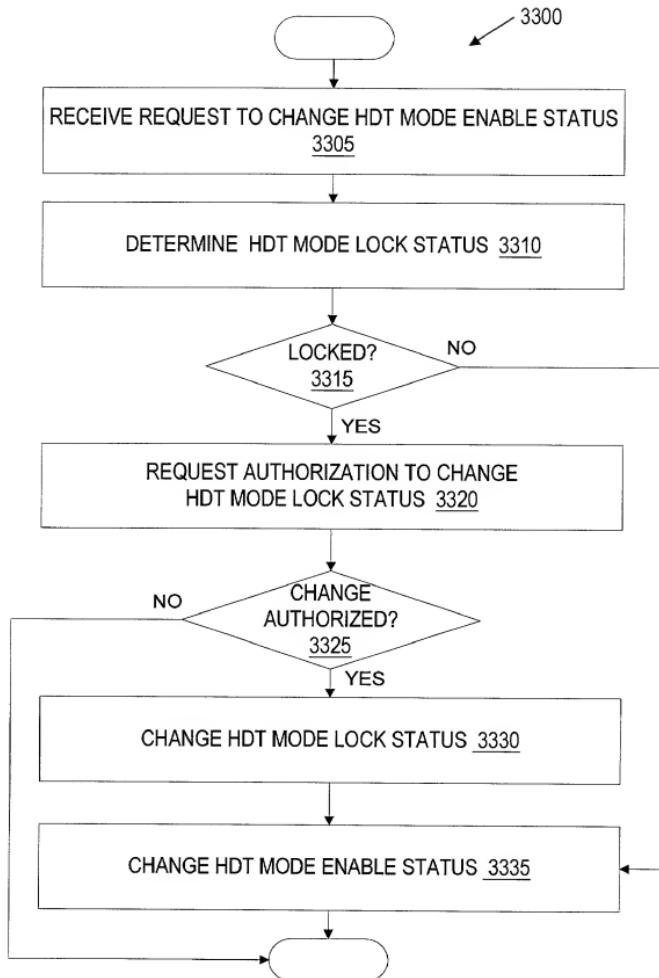


Fig. 22

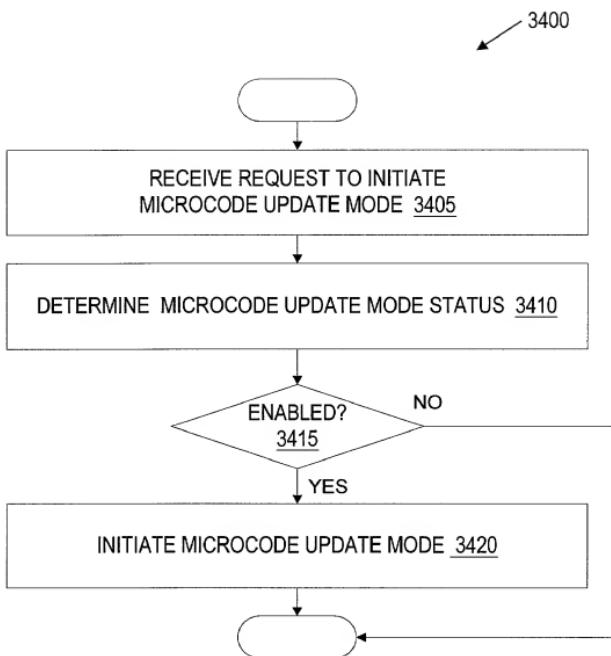


Fig. 23

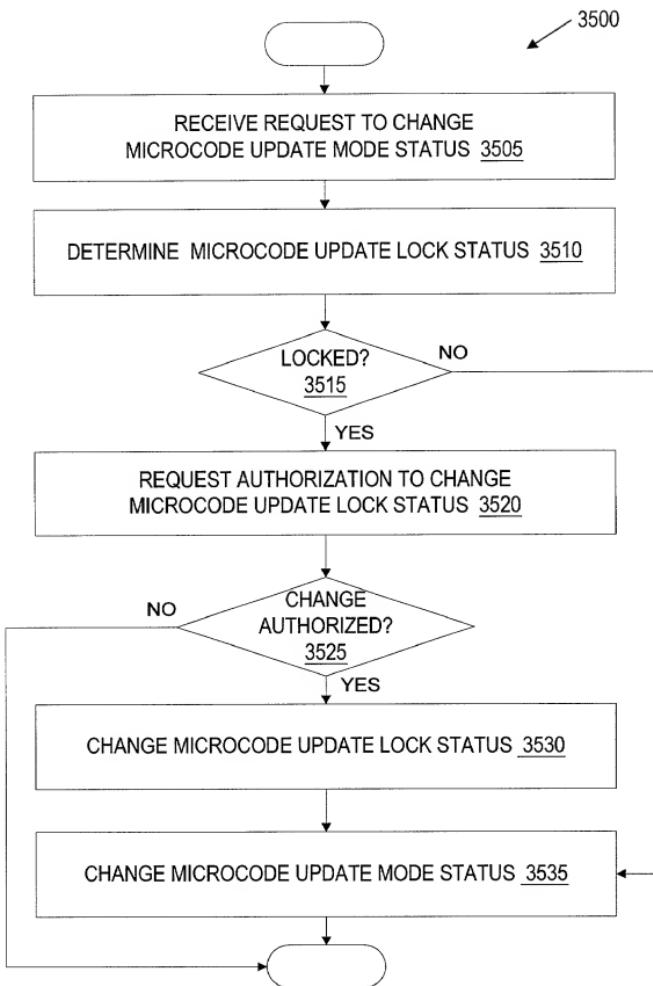


Fig. 24

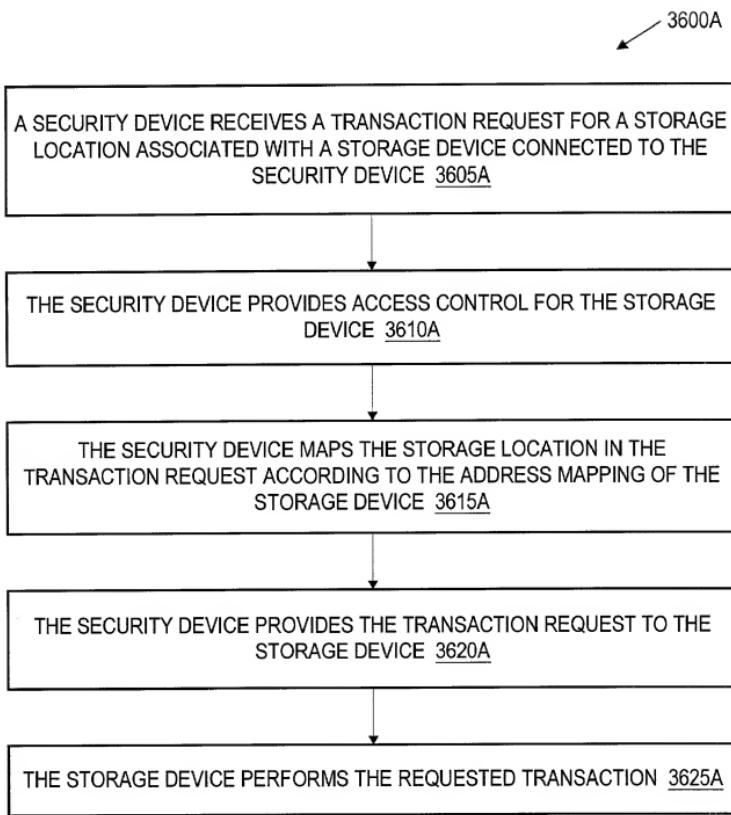
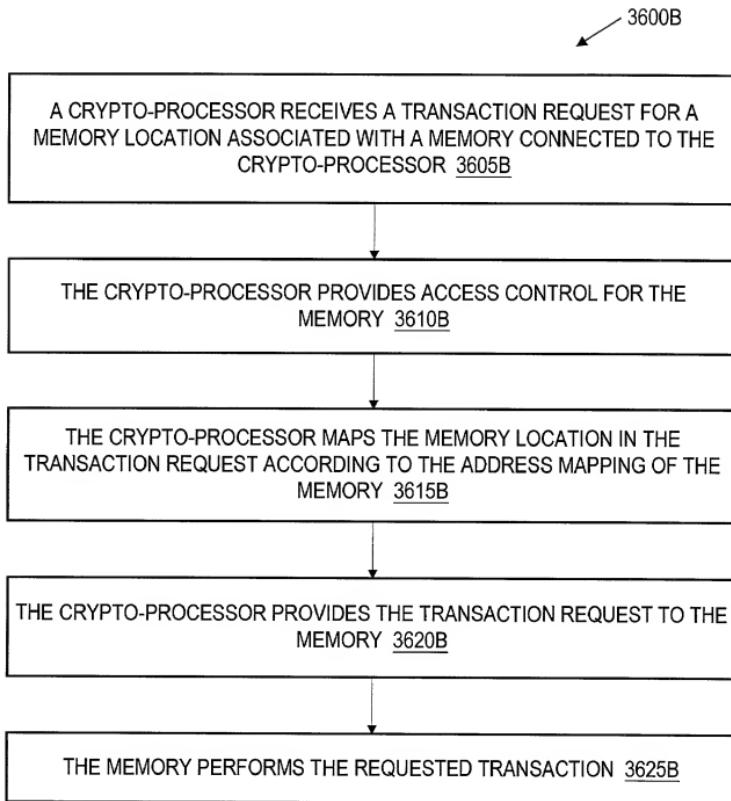


Fig. 25A



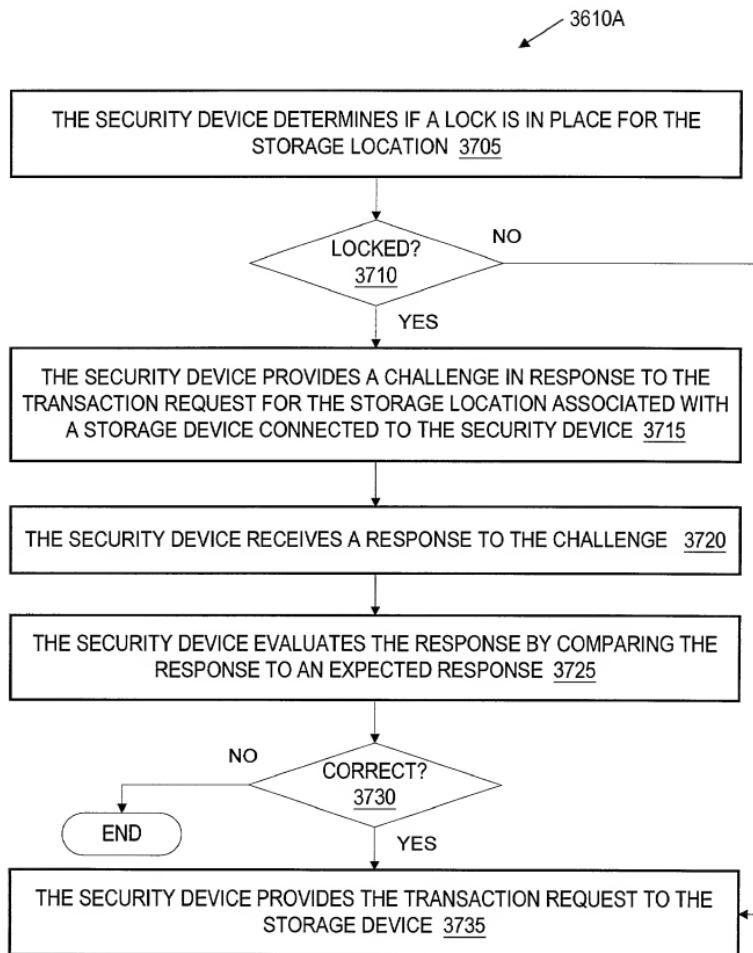


Fig. 26

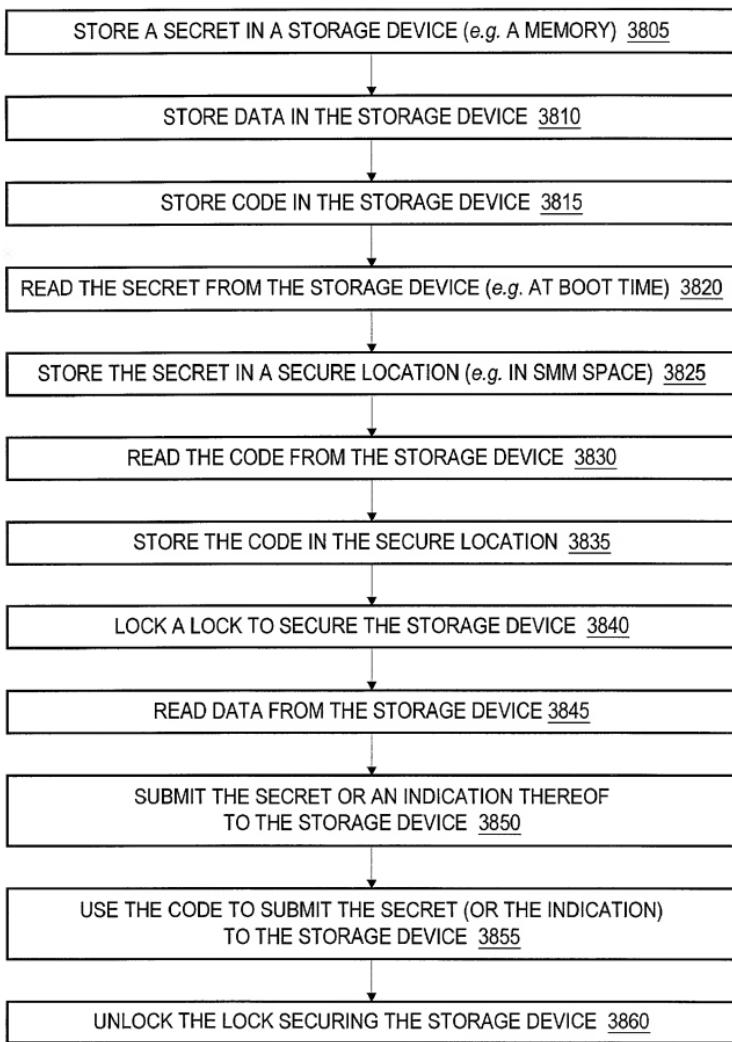


Fig. 27

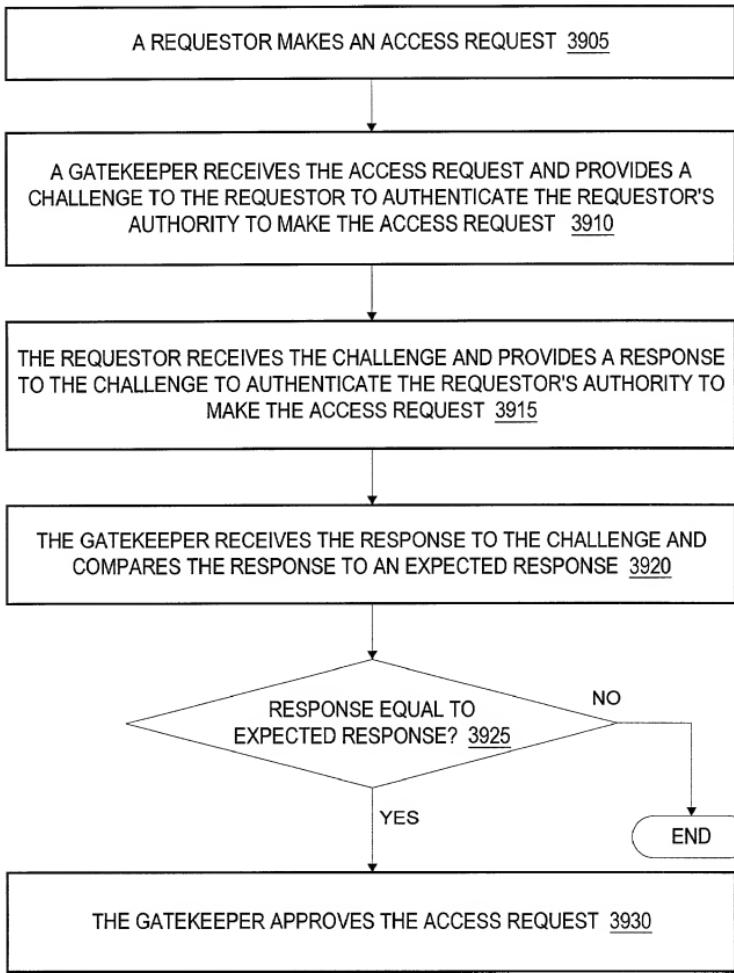


Fig. 28
(Prior Art)

← 4000A

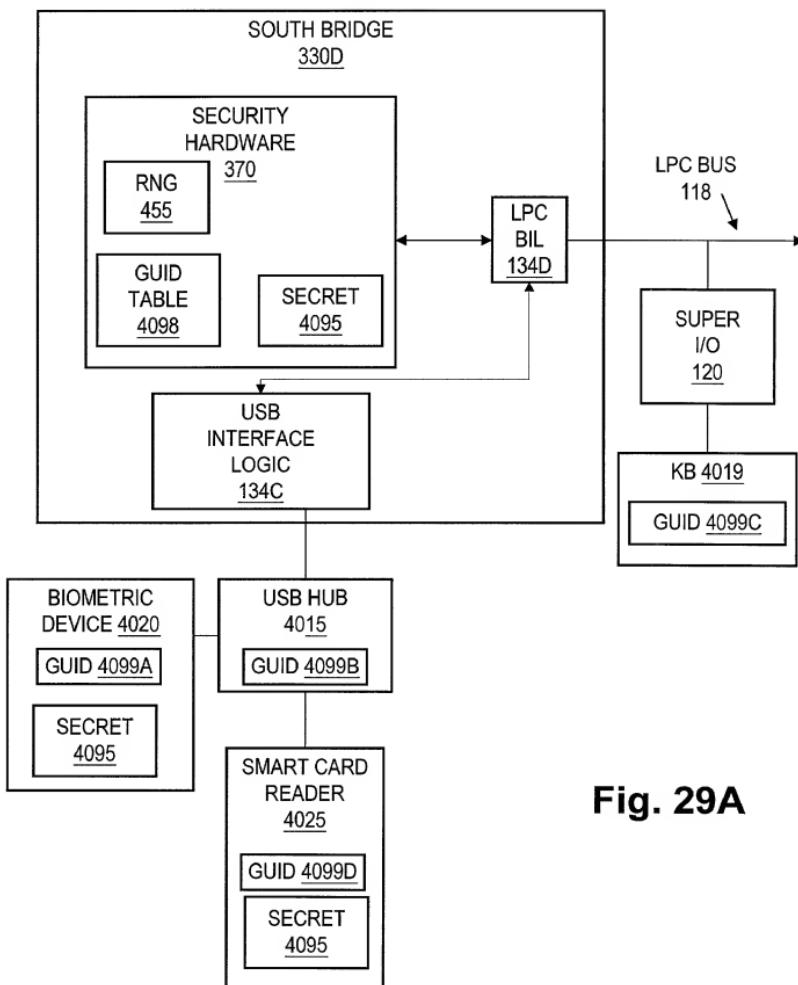


Fig. 29A

TENURE AND GROWTH

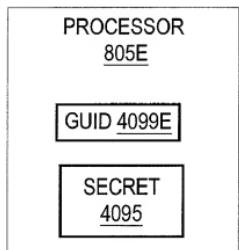


Fig. 29B

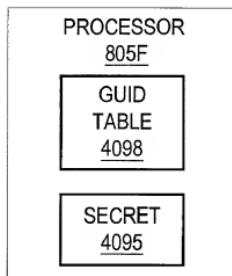


Fig. 29C

100E500-41807-360

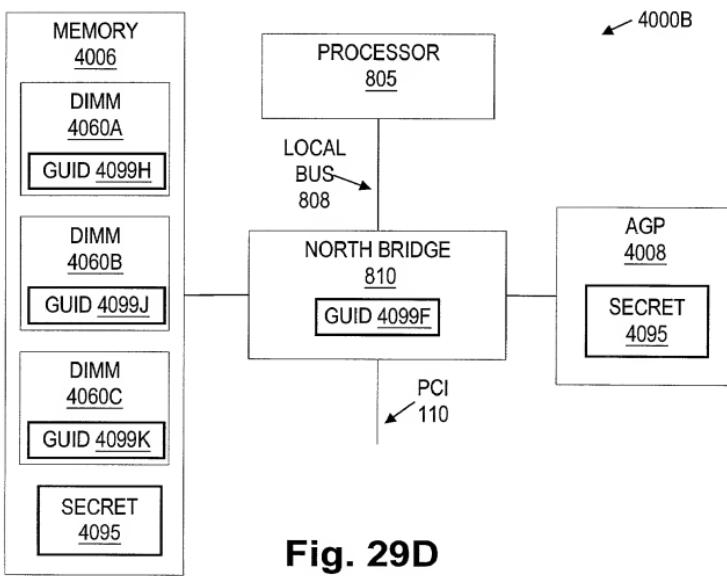


Fig. 29D

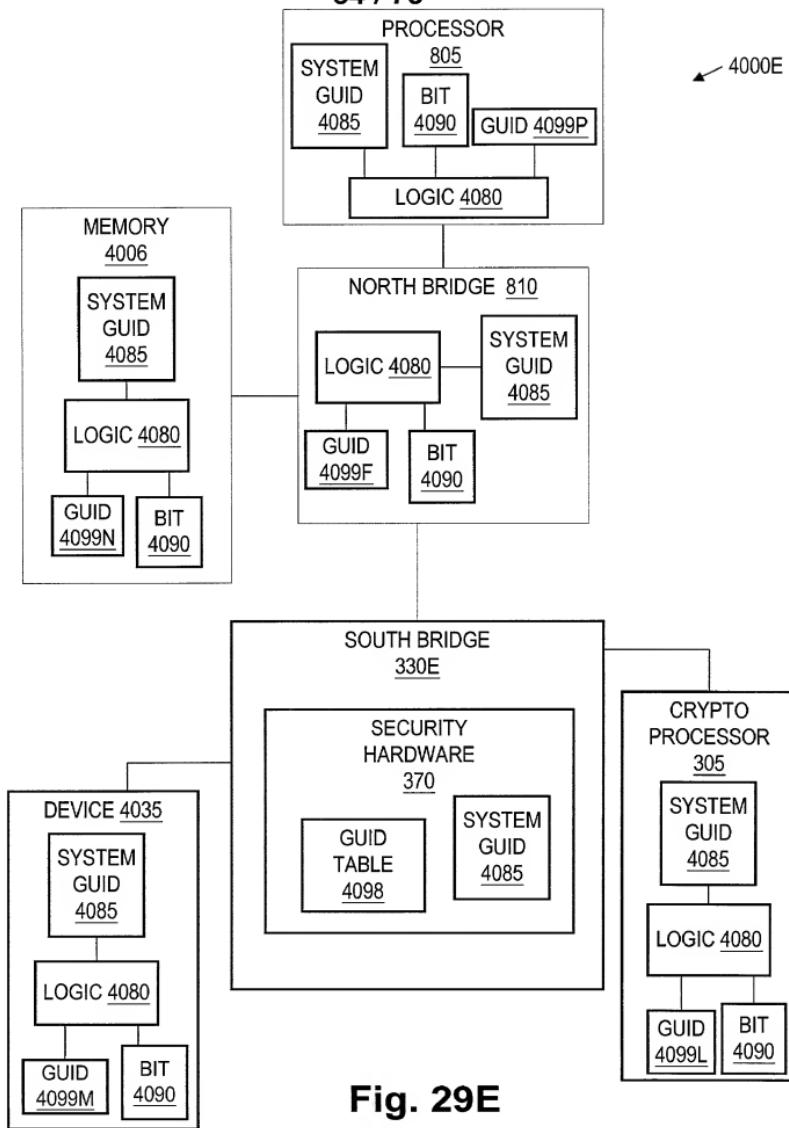


Fig. 29E

4100A

T0DE50 "180727860

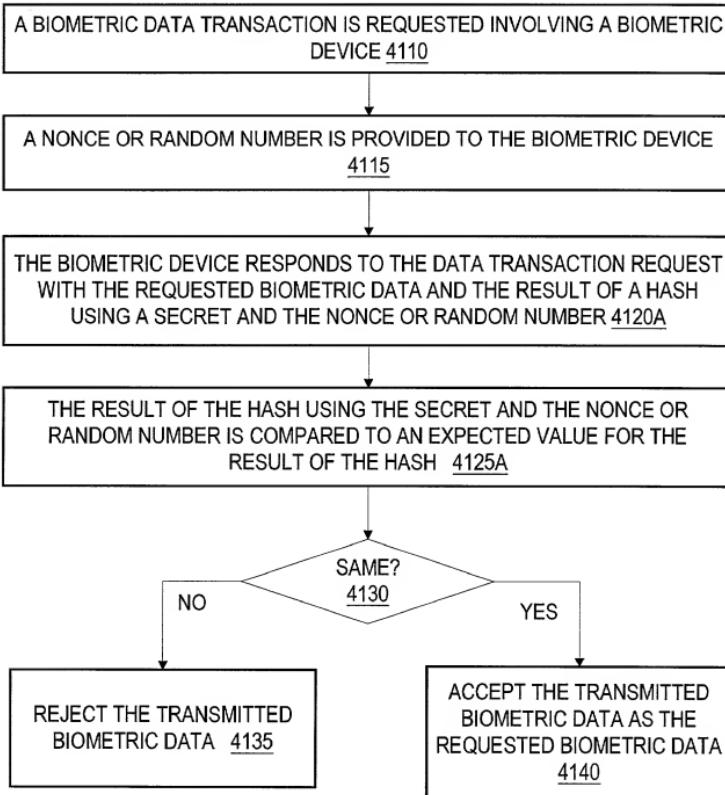


Fig. 30A

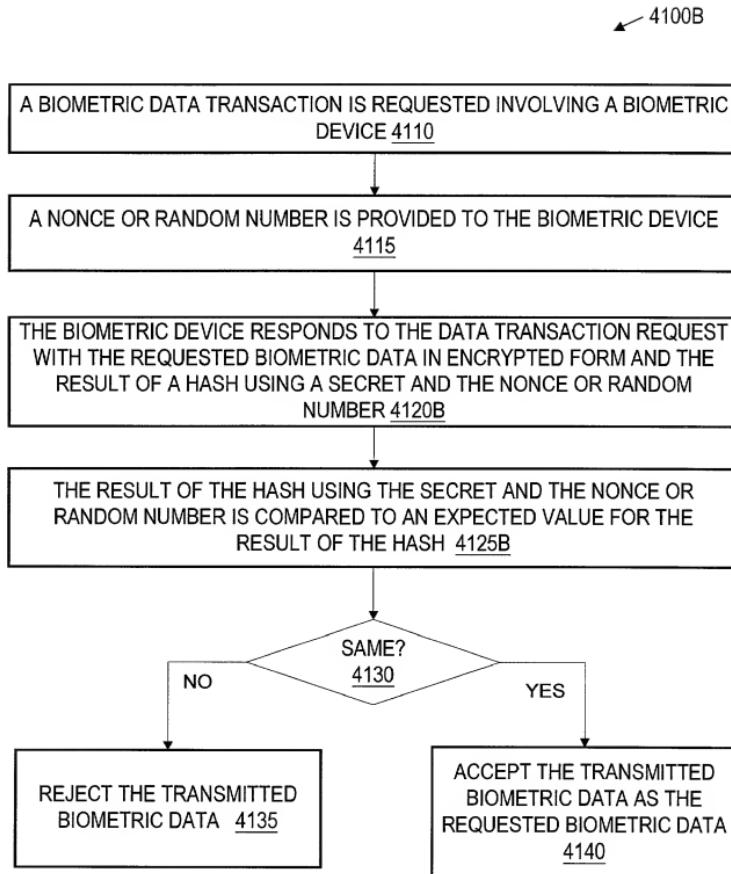


Fig. 30B

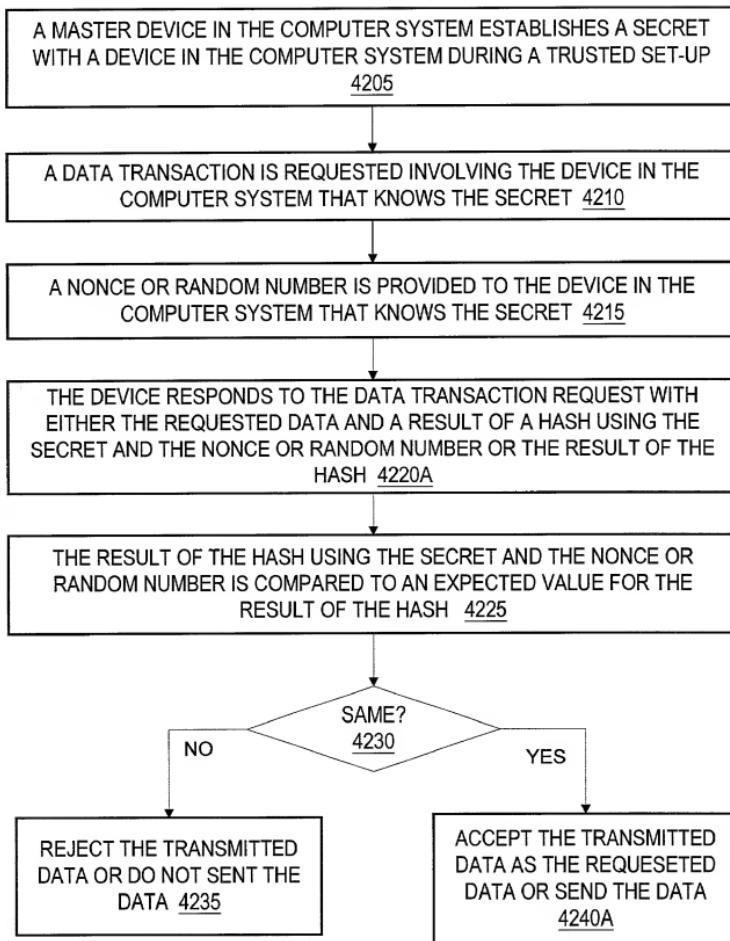


Fig. 31A

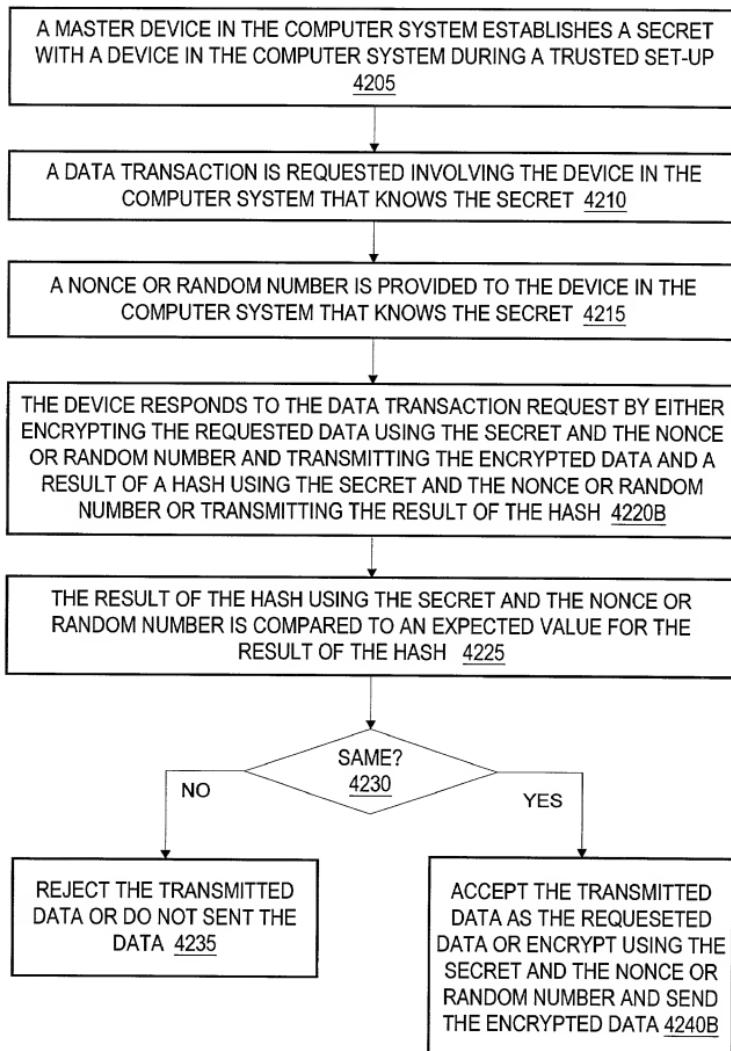


Fig. 31B

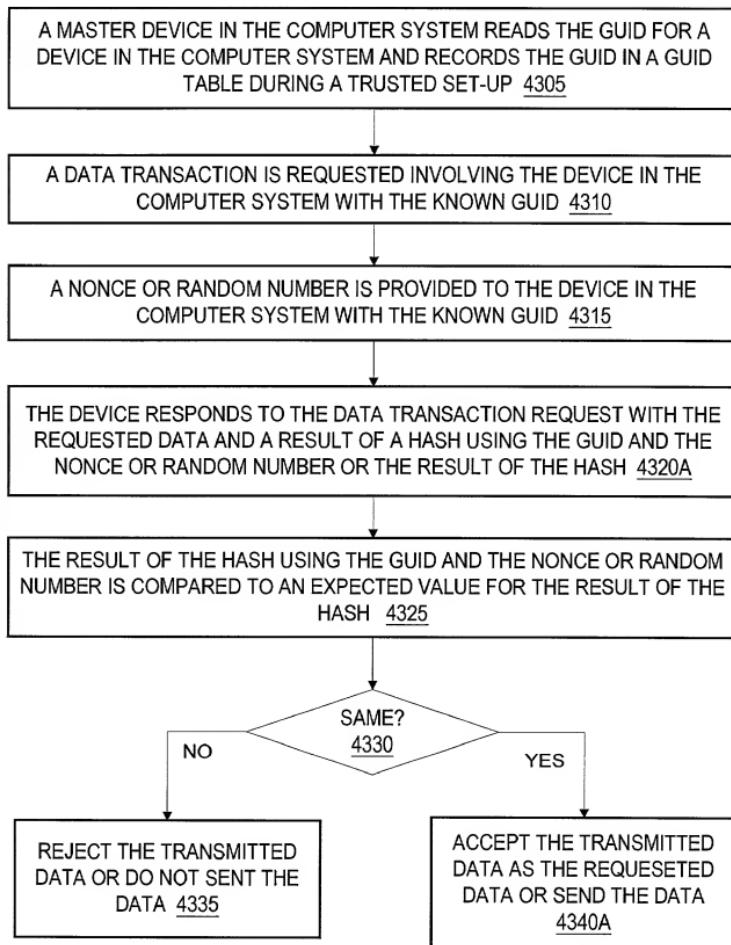


Fig. 32A

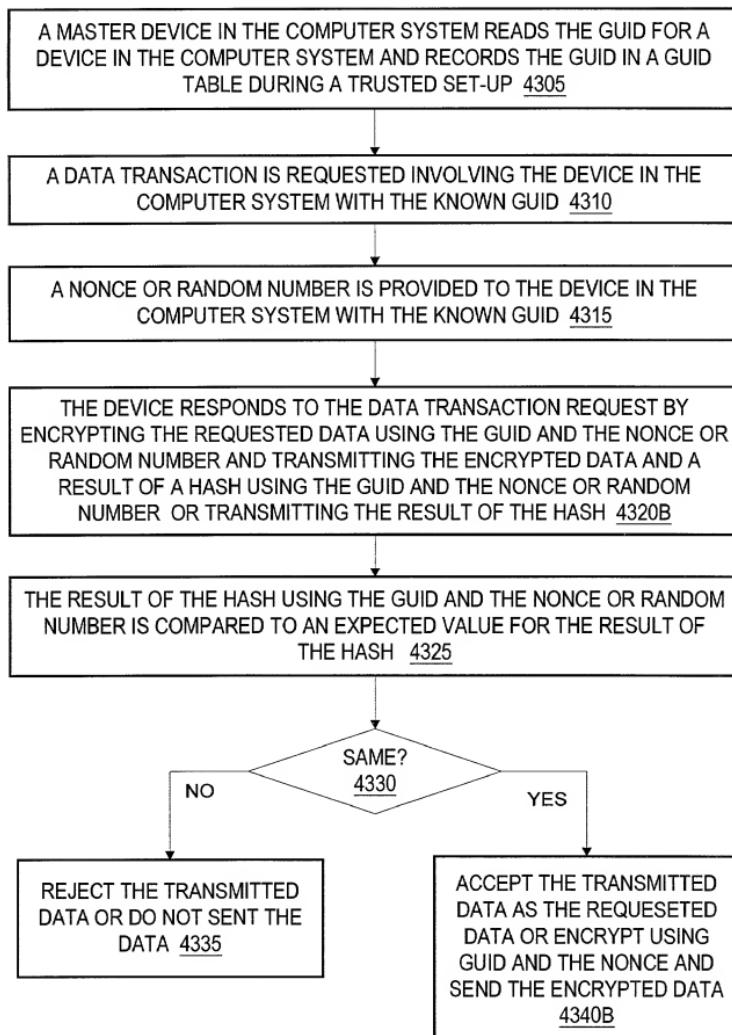


Fig. 32B

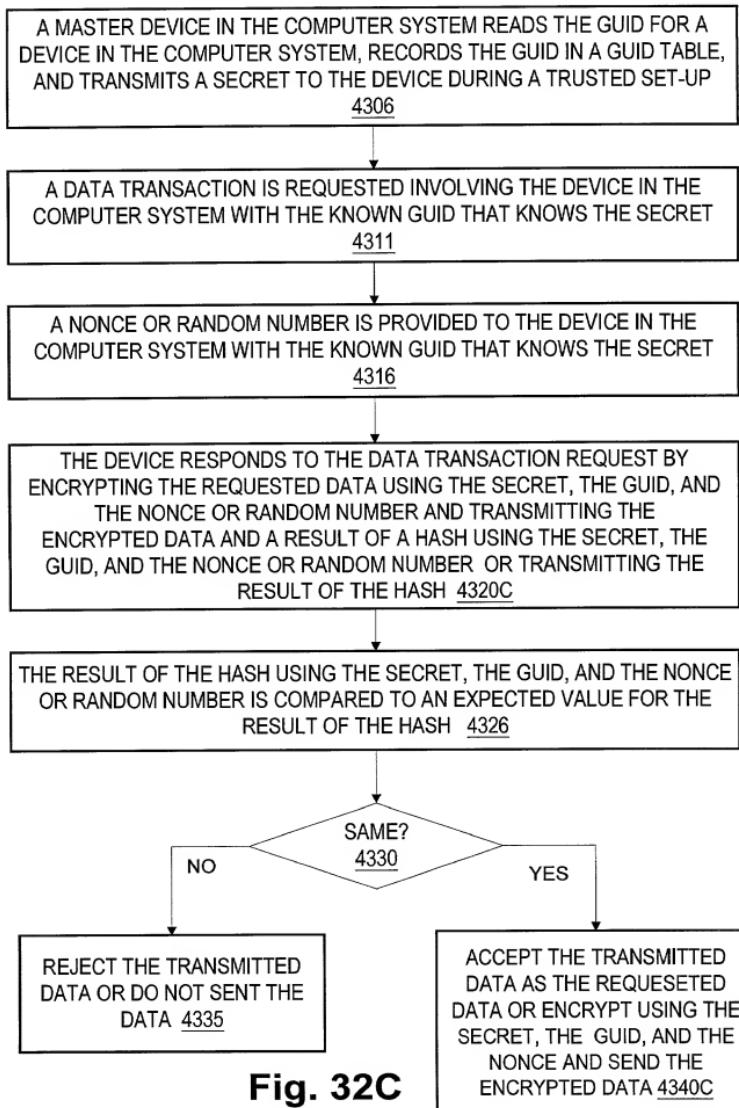


Fig. 32C

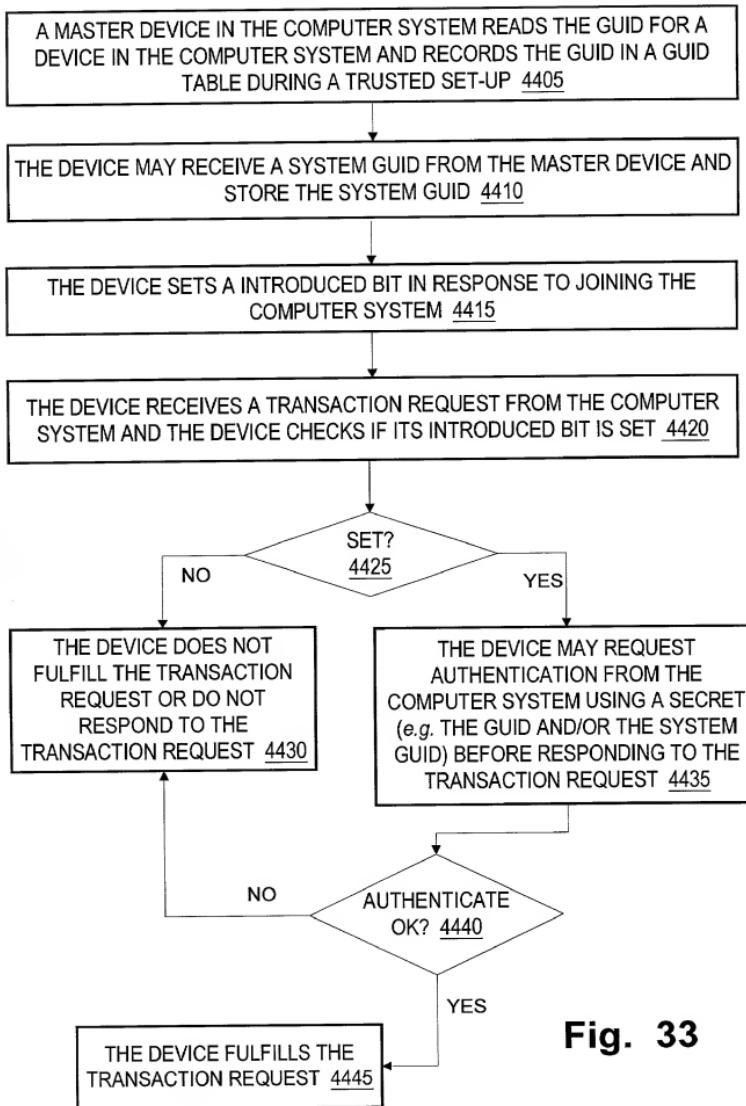
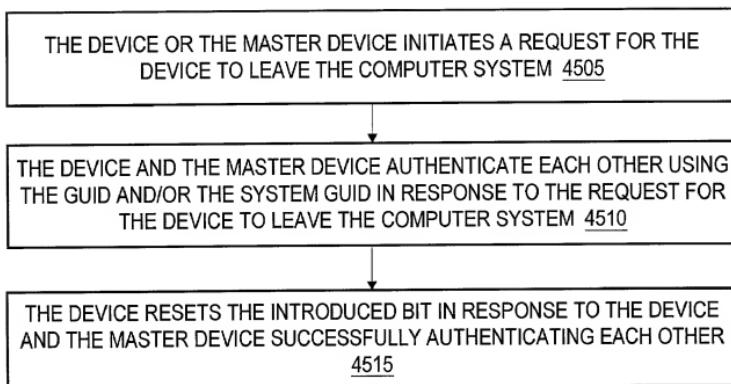


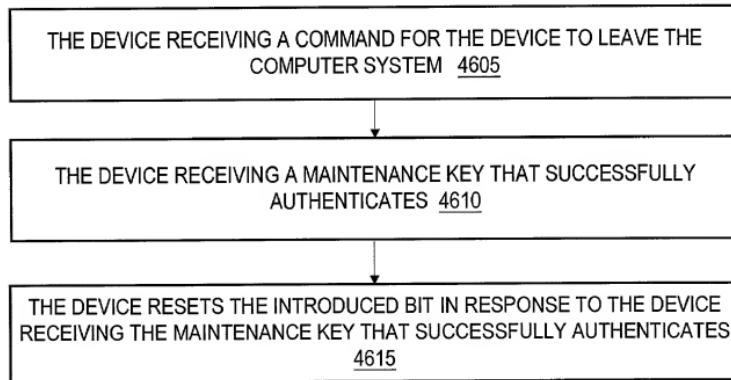
Fig. 33

63 / 73

4500

**Fig. 34**

4600

**Fig. 35**

64 / 73

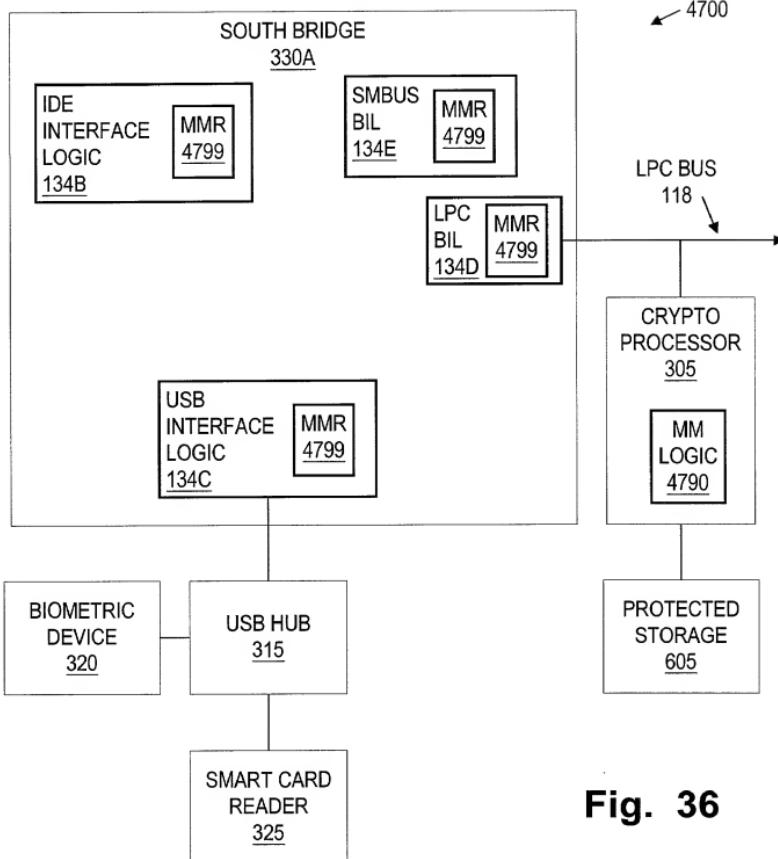


Fig. 36

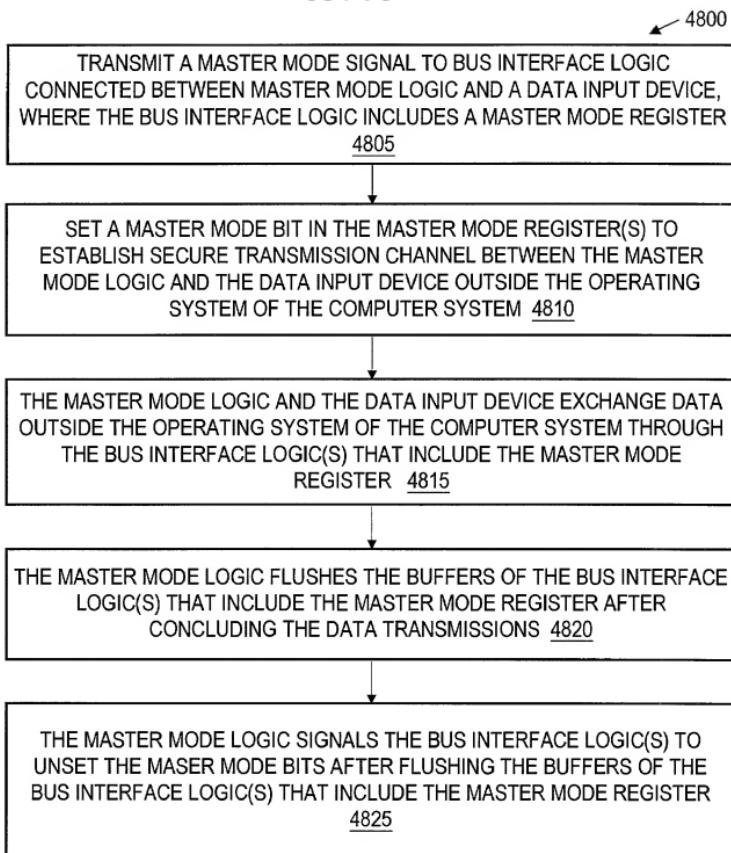


Fig. 37

4900A

100E504-18017360

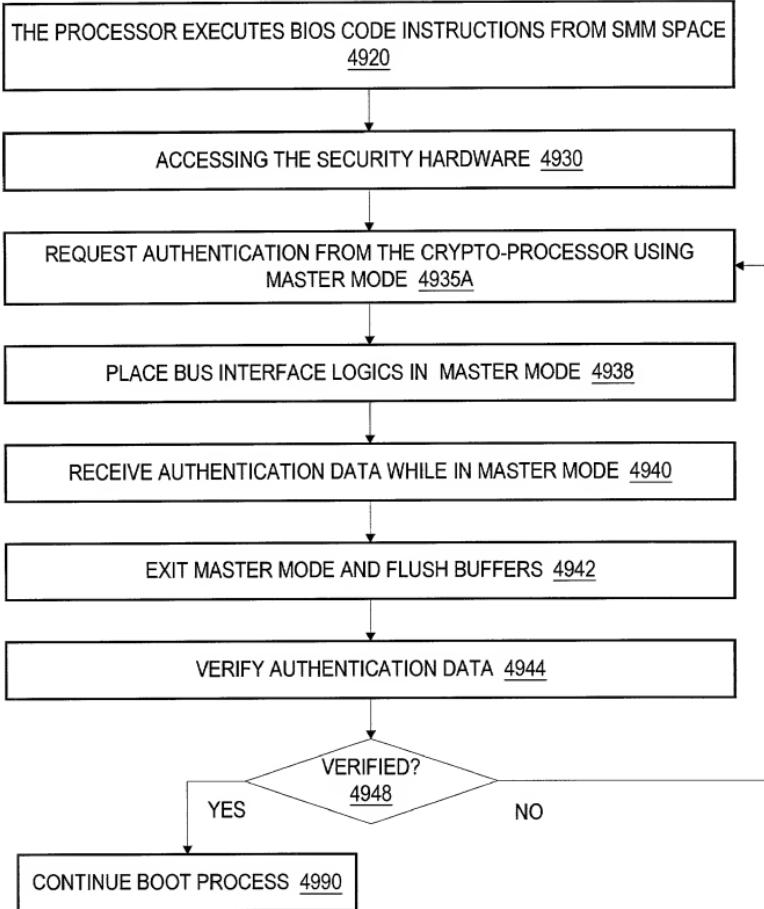


Fig. 38A

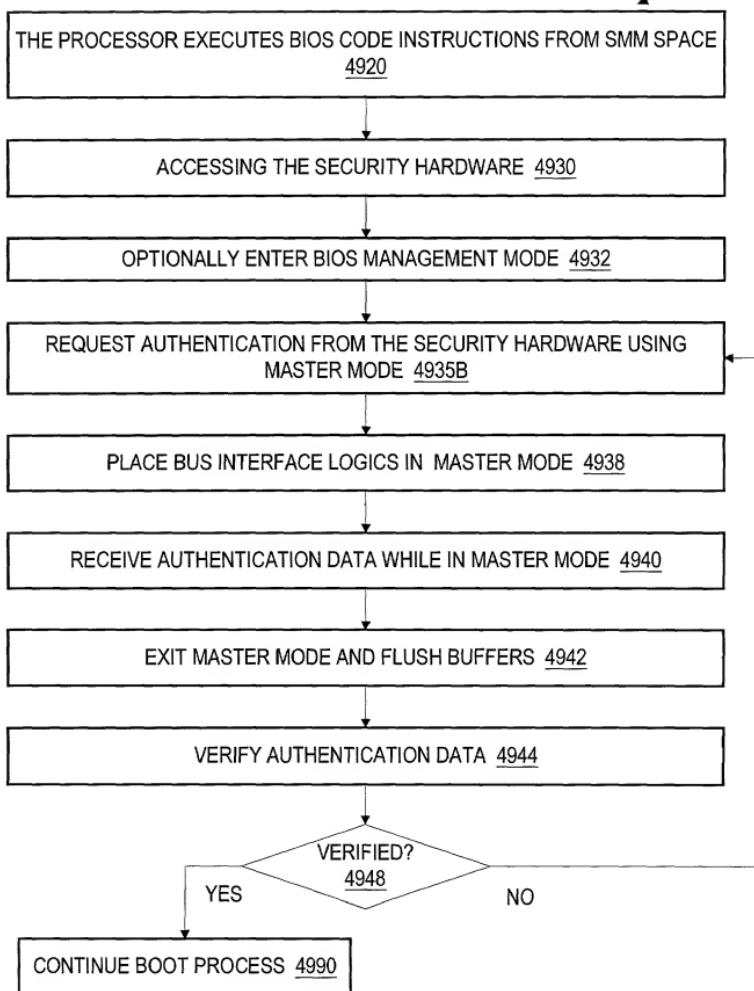
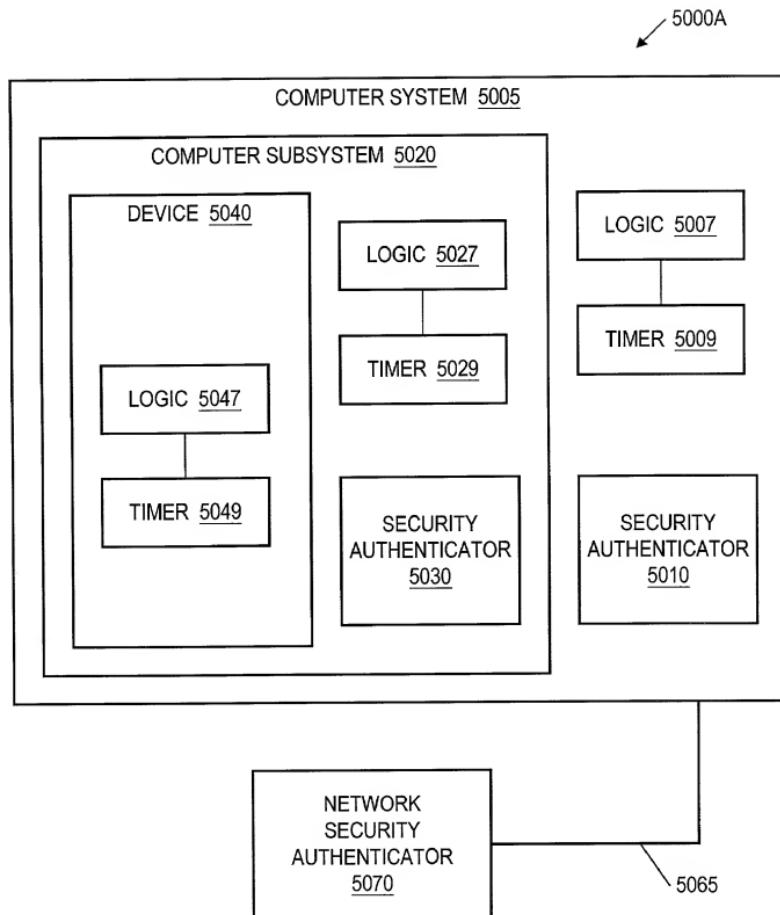


Fig. 38B

**Fig. 39A**

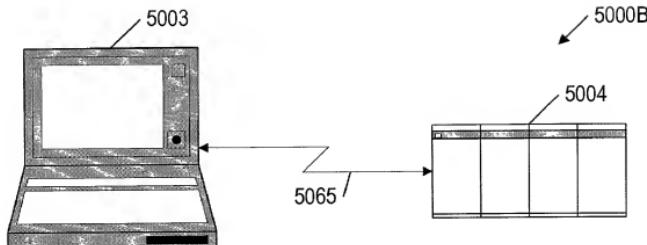


Fig. 39B

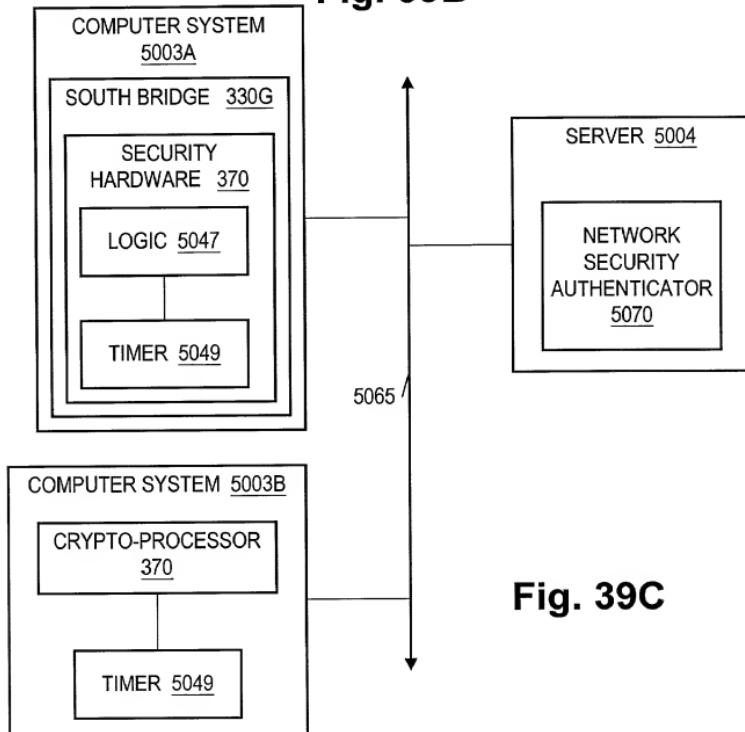


Fig. 39C

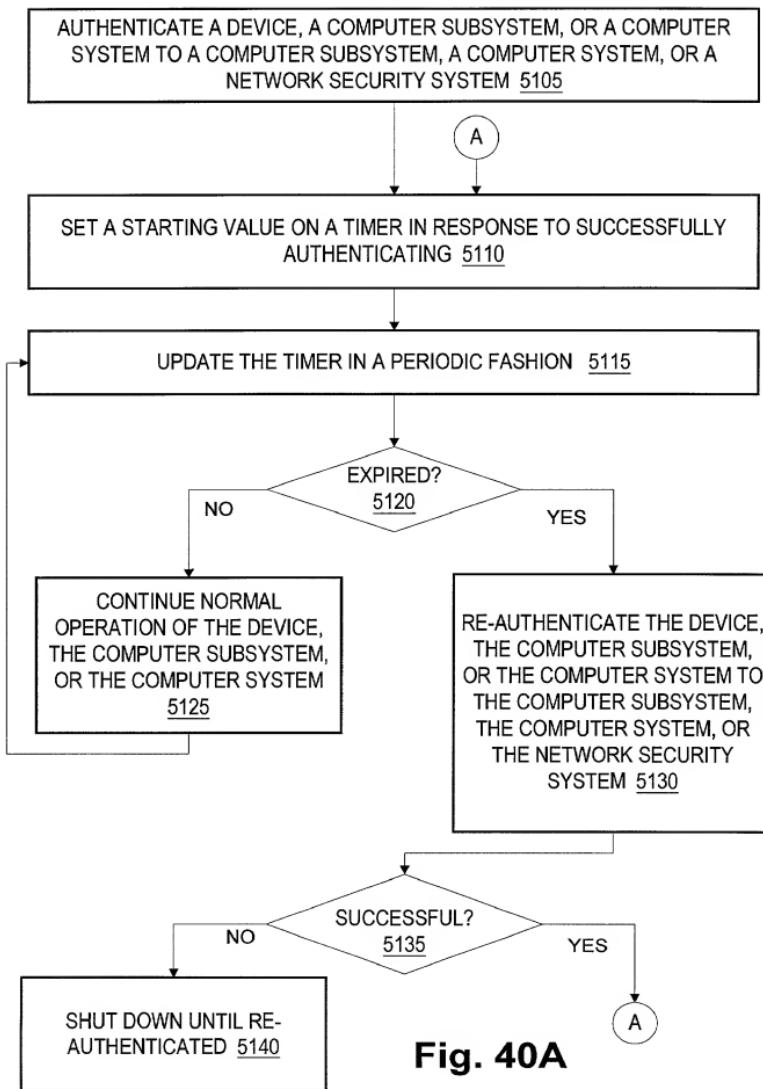


Fig. 40A

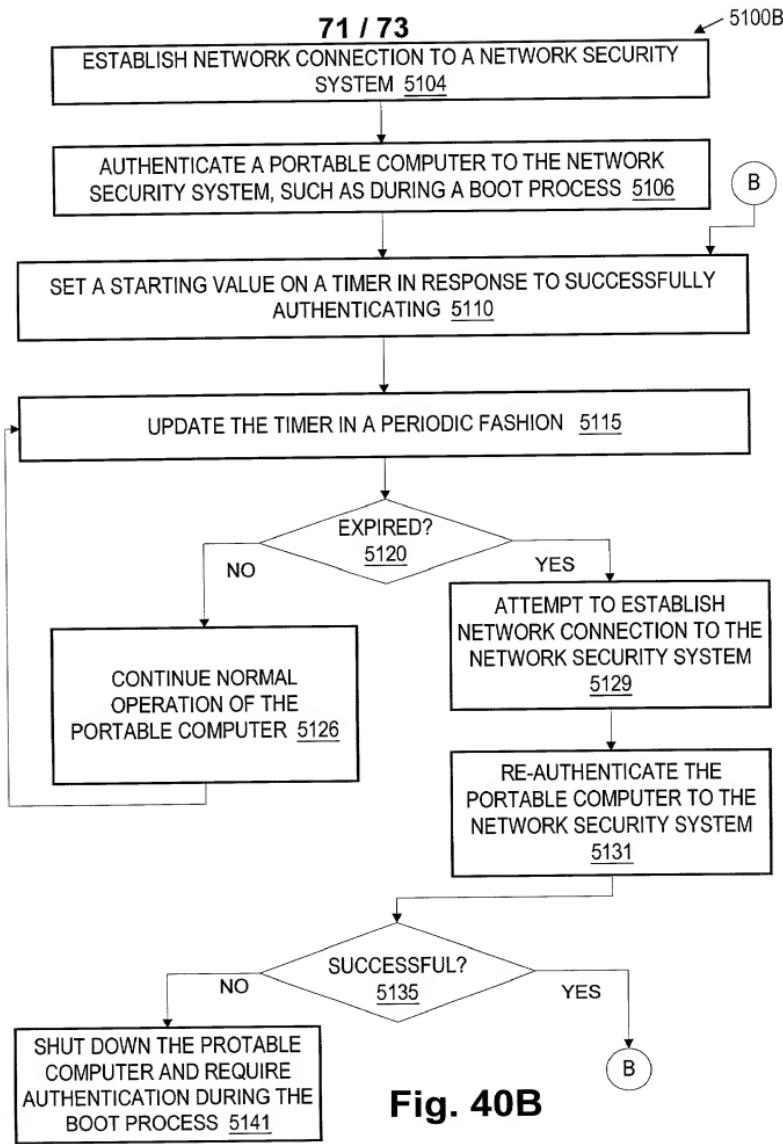


Fig. 40B

T00E50 "T180728Z00

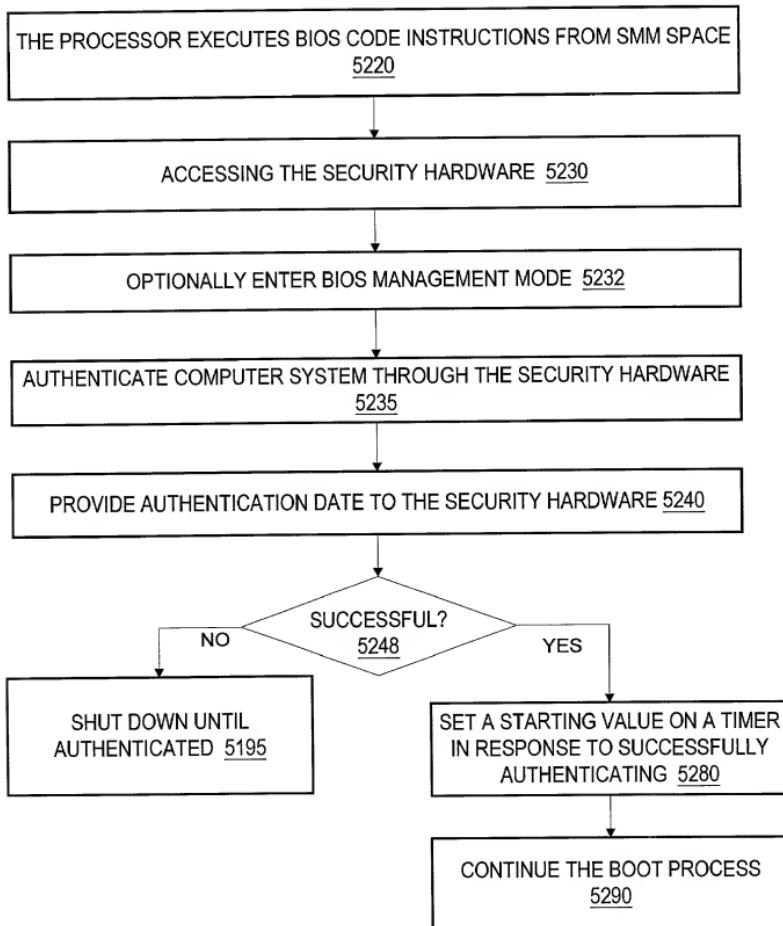


Fig. 41

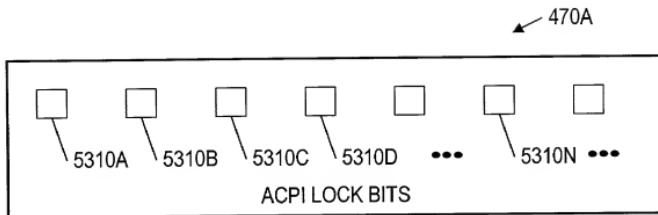


Fig. 42A

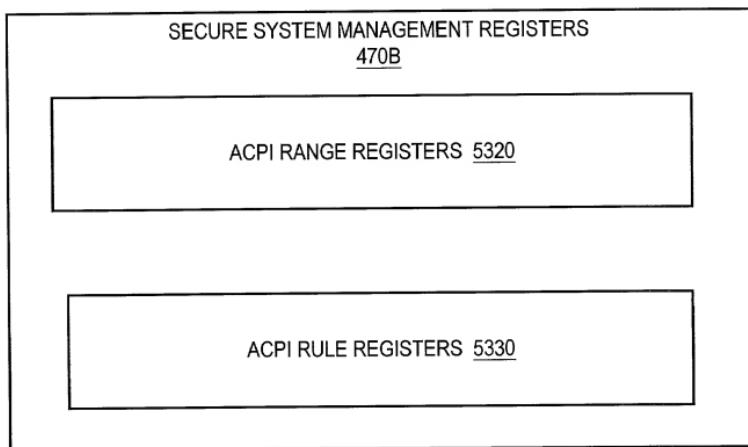


Fig. 42B